Specialized Products

COMPANY

2024

How to Order

By Phone: (800) 866-5353

On the Web: www.specialized.net

By FAX: (800) 234-8286

By Mail: 1100 S. Kimball Ave.
Southlake, TX 76092-9009

Payment Methods

Company Purchase Orders
For qualified commercial firms and government agencies, Specialized Products can open a new account usually within just 24 hours of receiving your request.

Payments in Advance
Organizations or persons making initial purchases from SPC should include full payment with all mail orders. Make checks payable to Specialized Products Company.

Net30

The industry standard 30 day payment terms may be extended to qualified business accounts subject to credit pre-qualification. If you request this payment option for your company you will be contacted by our Accounts Receivable Team for more information prior to shipment.

PayPal®

Web purchases can be paid conveniently over the internet through PayPal®.

Credit Cards
SPC accepts MasterCard, Visa, Discover and American Express.

International Sales
Payment choices for international orders include wire transfers, credit cards (from most countries) and company checks. For larger orders, letters of credit can be accepted. Contact our international sales representative for details.

Customer Service

Same-Day Shipping
Orders received by 4 p.m. CST will be shipped the same day.

Returns and Claims
If you are not completely satisfied with your purchase, or need to report some discrepancy with your shipment, please contact our Customer Service Department at 800-866-5353 or email customerservice@specialized.net within 7 days of receipt for a Return Material Authorization (RMA) number before shipping. For a complete overview of our return policy please visit our website at www.specialized.net.

Unparalleled Customer Service
Order online 24 hours a day, seven days a week at www.specialized.net. Or call (800) 866-5353 toll free before 6:00 p.m. CST to speak with any of our reliable Sales Representatives.

Prices
All prices are net industrial. We offer price breaks on most items, and extra discounts may be obtained for large quantity purchases. Please contact the SPC Sales Department at (800) 866-5353 for additional information. All prices are subject to change without prior notice. You may verify current pricing with the SPC Sales Department before placing your order.

www.specialized.net

Drop-Down Menus
Mouse-over the category tabs to view all available products at a glance. It makes finding the product you're looking for a snap!
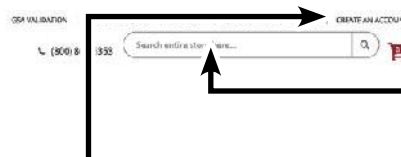
Powerful Search
Quickly and easily search over 10,000 products.

Manage Your Account:

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Quickly repeat an old order through My Account with any changes to address, item quantities, etc.

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Get occasional special pricing and promos by signing up for e-mail updates.

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New addresses are saved each time you add a different billing or shipping address during checkout.

Financing
We now offer Financing! Apply on our website.

Order History
Determine an order's status, plus check order dates and order numbers for items you've purchased in the past.

Wish List
Save a list of items you're thinking about buying to find them easily next time you're shopping. Also share your favorite items with associates via e-mail.

Express Checkout
Enter billing and shipping information along with your credit card information and all future checkouts will be only two steps.

Hardware Store 47QSHA19D0001

Schedule Number: MAS   SIN: 332510C
Schedule Title: Multiple Award Schedule
Large Category: Industrial Products and Services   Subcategory: Hardware and Tools
Cage: 62764   Business Class: Small
Effective Dates: 10/1/23-9/30/28

Payment By Government Credit Card or Purchase Order. Standard Freight Prepaid (CONUS).

Some products appearing in this print catalog are not eligible for inclusion on GSA contracts. Please refer to www.specialized.net or contact us at 800-866-5353 for contract verification.

M211 and M511 Portable Bluetooth Label Printers

➤ Thermal transfer label makers connect to mobile devices

➤ M211 prints on labels 0.25" through 0.75" (6.4 to 19 mm) wide

➤ M511 prints at 300 dpi resolution, to edges on up to 1.5" wide labels

See pages 172-173 for more information and pricing.

OTDR-1500 Professional Multi-Function Singlemode OTDR 1310/1550nmn System

➤ Wi-Fi connectivity and 32dB/30dB dynamic range

➤ 8 functions for testing and evaluating fiber and network cables

➤ 7" color LCD screen, 200 MB internal storage with MicroSD/TF card slot for additional memory and built-in rechargeable li-ion battery

Visit www.specialized.net for more information and pricing.

One-Click® Cleaner Pro

➤ Patented single-action cleaning in a small ergonomic design

➤ Variety of sizes and types for different connector styles

➤ Cleans connectors in both jumpers and bulkhead adapters

Visit www.specialized.net for more information and pricing.

Fujikura 45S Fusion Splicer

➤ Features cladding alignment, automatic fusion control, Bluetooth connection, simultaneous fiber preparation capability (2 fibers), automated sheath clamp opening and faster tube heater

➤ Kit comes with CT-50 fiber cleaver, work tray, holders and more

See page 38 for more information and pricing.

CPT-DATA Stripping Tool

CablePrep Tools You Trust Since 1979

➤ Ultimate solution for effortless, precise stripping of a wide range of cables - Cat3, Cat5, Cat5e, Cat6, Cat6e, security round cables, thermostat and speaker cables

➤ Ensures clean and accurate cuts on data cables and other types of cables with no adjustments required

Visit www.specialized.net for more information and pricing.

LIQ-100 LinkIQ Cable+Network Tester

➤ Verifies cable performance up to 10G, tests connectivity and troubleshoots active networks

➤ Comes with remote ID #1, RJ45-RJ45 patch cord, ac charger, RJ45/11 universal coupler & carry case. Ethernet Alliance PoE Certified and compatible with MicroScanner PoE Remote Identifiers

Visit www.specialized.net for more information and pricing.

Compass Pro 60Hz Personal Non-Contact Voltage and Current Detector

➤ Pairs with the Bluetooth enabled Safeguard Equipment app to send automatically alerts on crisis events and location status, plus provides emergency service

➤ Features 11 sensitivity levels and Smart Adaptive mode ensures 360° proximity awareness of danger

➤ The removable clips attach to any hard hat

Visit www.specialized.net for more information and pricing.

ST-300 and ST-950 Precision Fiber Strippers

➤ Two sizes for precision stripping of 180-330 micron acrylate coating and 600-1100 micron buffer coating on fiber optic cables

➤ Blades are precision ground and hardened for accurate stripping and long life

Visit www.specialized.net for more information and pricing.

AFL

FlexScan® FS300 Quad OTDR
➤ Verify and maintain multimode and singlemode networks
➤ Test point-to-point networks and FTTH PONs/Passive Optical LANs
➤ 37 dB dynamic range and <0.8 m dead zones

Fiber Tools
➤ New fiber tools from Miller including a cable slitter with trays, adjustable slit and ring tool and mid-span access tool

MILLER®

Stripping and Coring Tools
➤ Blue SCT-ALU tools have color-coded guide sleeves
➤ Use them on PIII, HFC, T10, TX and CommScope Power Feeder cable types

CablePrep
Tools You Trust Since 1979

FLUKE

True RMS 400-Amp AC Clamp Meters
➤ Measure current to 400 amps ac and voltage to 600 V ac/dc
➤ Measure resistance, frequency, capacitance and temperature plus detect continuity
➤ Slim design with easy to read backlight display

AFL

FOCIS Flex Connector Inspection System
➤ Self-contained and tether-free fiber connection inspection probe
➤ Unit will auto-focus, capture and center end-face image, apply pass/fail rules, display and wirelessly transfer image and results in a matter of seconds

JONARD TOOLS

Fiber Tools and Tools Kits
➤ New fiber tools from Jonard Tools including kits like this advanced fiber preparation kit and new fiber strippers for buffer coating from 180µm to 900µm

JIC-275 Stripper

JONARD TOOLS

Torque Wrenches
➤ Full-size open-head TWAF-style wrenches with audible click prevent over tightening
➤ Speed-head TWAS-style wrenches skip over the corners of nuts and bolts so no repositioning is required
➤ Right-angle swivel-head TWSW-style wrench heads pivot in 90° increments

FIBER XP®

Fiber Optic Launch Cable Pouch
➤ Pouch included with every launch cable purchase

FIBER

Specialized Products supplies a wide array of fiber optic products to support fiber technicians with network installations, troubleshooting, repair and maintenance. Products range from simple cleaning swabs to complex test equipment like an optical loss test set. Our fiber product selection is continually updated to keep pace with new technologies in the fiber optic industry. New equipment such as Corning bend insensitive patch cables, an EXFO fiber multimeter, a VIAVI DOCSIS installation service meter and an AFL FTTH PON troubleshooter are examples of our expanding product line. In addition, we have developed several new tool kits to meet the needs of fiber technicians.

OTDRs

OTDRs are a staple for fiber installers. Use an OTDR when testing and troubleshooting singlemode and multimode fiber optic networks.

SEE PAGES 5-9

Launch Cables

Launch and receive test cables are used with an OTDR to measure complete link loss of a fiber and to find insertion loss and reflectance of connections. They are packaged in rings for easy transport in the field.

SEE PAGES 10-13

Fiber Test Kits & Power Meters

Test kits combine optical power meters with optical light sources to test singlemode, multimode and QUAD fiber. OPMs and OLSs are also sold individually.

SEE PAGES 14-20

Fiber Identifiers & Fault Locators

Use fiber identifiers and VFLs to find fiber, transmission direction and damage such as bends or breaks.

SEE PAGES 21-22

Inspection

Perform inspection of fiber end-face conditions with a simple microscope or an advanced video probe with auto certification.

SEE PAGES 23-26

Test Accessories

Adapters, loopback plugs, attenuators and patch cables compliment testing equipment.

SEE PAGES 27-35

Splicers

AFL fusion splicers, cleavers, thermal fiber strippers and connectors are designed for field installation of both ribbon and single fiber.

SEE PAGES 36-40

Termination Kits and Connectors

Find the tools and supplies to terminate Unicam®, OptiSnap®, Crimplok™ and epoxy-style connectors.

SEE PAGES 41-45

Cleaning

One of the most basic and important procedures for the maintenance of fiber optic systems is cleaning the equipment. The supplies to accomplish this are included in this section.

SEE PAGES 46-55

Tools and Tool Kits

Tools from Jonard Tools, Miller, CablePrep, Corning, US Conec, Micro Electronics, Tempo and more are sold individually and in tool kits.

SEE PAGES 56-62

EXFO

SINGLEMODE

MaxTester 715B Last-Mile OTDR

➤ Optimized for P2P testing and troubleshooting of FTTx architectures and short access-network testing inside a CO environment
➤ Offers icon-based functions, automatic macrobend finders
➤ 1310/1550 nm wavelengths and 30/28 dB dynamic range
➤ Optional VFL and PM plug-and-play module with SC connector

SPC No.	Part No. and Description	Price
880X412	KIT-MAX-715B-BASIC-1-91 Installer	$5820.00 ea.
880X591	PM-MAX-2X-VFL-FOA-54 VFL and PM Module	$1360.00 ea.
880X266	GP-2209 Rechargeable 3.7V Li-Ion Replacement Battery	$335.00 ea.

MaxTester 720C Access OTDR

➤ Optimized for access point-to-point construction
➤ 0.7 m event/3 m attenuation dead zones for closely spaced events
➤ SM versions available with power meter, VFL and iOLM application
➤ Access OTDR comes in a QUAD version

SPC No.	Part No. and Description	Price
880X630	MAX-720C-SM1-EA-EUI-91 Access Installer Kit	Call for Pricing
880X635	MAX-720C-SM1-VPM2X-IOLM-FOA-54-EA-EUI-91 SM Access OTDR Kit, PM, VFL, iOLM, SC/APC	Call for Pricing
880X625	MAX-720C-SM1-VPM2X-0I-FOA-54-EA-EUI-91 SM Access OTDR Kit, PM, VFL, OTDR/iOLM, SC/APC	Call for Pricing
880X660	MAX-720C-Q1-QUAD-0I-EI-EUI-91-EA-EUI-91 QUAD Access OTDR Kit, OTDR/iOLM, SC/APC	Call for Pricing

SINGLEMODE

SINGLEMODE

MaxTester 730C Short Metro/FTTx PON OTDR

➤ Use for metro and optimized to test through optical splitters for seamless end-to-end FTTH characterization and troubleshooting
➤ 7" outdoor-enhanced color touchscreen and 12-hour battery life
➤ FastReporter 2 post processing software
➤ Available with power meter, VFL and iOLM application

SPC No.	Part No. and Description	Price
880X640	MAX-730C-SMI-EA-EUI-91 Installer Kit	Call for Pricing
880X645	MAX-730C-SM2-EA-EUI-91 Installer & Maintain Kit	Call for Pricing
880X650	MAX-730C-SM1-IOLM-EA-EUI-91 SM FTTx/PON OTDR Kit, iOLM, SC/APC	Call for Pricing
880X655	MAX-730C-SM2-IOLM-EA-EUI-91-VPM2X-FOA-54 SM Access OTDR Kit, PM, VFL, iOLM, SC/APC	Call for Pricing

Specifications	715B Model	720C Models				730C Models			
	880X412	880X630	880X635	880X625	880X660	880X640	880X645	880X650	880X655
Calibrated Wavelengths (nm)	1310/1550	1310/1550	1310/1550	1310/1550	850/1300/1310/1550	1310/1550	1310/1550/1625	1310/1550	1310/1550/1625
Dynamic Range	30/28 dB	36/35 dB	36/35 dB	36/35 dB	27/29/36/35 dB	39/38 dB	39/38/39 dB	39/38 dB	39/38/39 dB
Event Dead Zone	1.0 m	0.7 m	0.7 m	0.7 m	0.5/0.7 m	0.5 m	0.5 m	0.5 m	0.5 m
Attenuation Dead Zone	4.0 m	3.0 m	3.0 m	3.0 m	2.5 m/3.0 m	2.5 m	2.5 m	2.5 m	2.5 m
Distance Range (km)	0.1 to 160	0.1 to 260	0.1 to 260	0.1 to 260	0.1 to 40/260	0.1 to 400	0.1 to 400	0.1 to 400	0.1 to 400
iOLM Ready	✔	✔	✔	✔	✔	✔	✔	✔	✔
7" Touchscreen Display	✔	✔	✔	✔	✔	✔	✔	✔	✔
2GB Internal Memory	✔	✔	✔	✔	✔	✔	✔	✔	✔
Pulse Suppressor Box 150 m	✔	–	–	–	–	–	–	–	–
FR2 FastReporter 2 Software	–	✔	–	–	✔	✔	✔	–	–

OTDRs

EXFO

iOLM: intelligent Optical Link Mapper

➤ Converts complex OTDR tests into clear go/no-go results
➤ iOLM removes the complexity from the OTDR
➤ Advanced algorithms produce expert-level link characterization
➤ Launch multiple acquisitions and wavelengths with one button
➤ Produces a single comprehensive report and schematic link view

Choose one of three ways to benefit from the iOLM:

1. *Order your unit with the iOLM application and receive all of the benefits of iOLM from the start.*

2. *Choose the Oi software option which provides both OTDR and iOLM applications on the same unit. Order using stock number 880X612 to receive both the Oi iOLM and OTDR application key code.*

3. *Update your existing OTDR base module to iOLM in the field. Check for compatibility prior.*

Wi Fi™

Bluetooth®

iOLM | intelligent Optical Link Mapper

FTB-1v2 Module Platform

➤ Use with dedicated FTTx (FTTH and FTTN) and Ethernet applications
➤ Connects anywhere via USB, Wi-Fi, VPN and Bluetooth
➤ Compatible with EXFO Connect auto-asset management environment
➤ Single-or dual-carrier configurations for compatible FTBx test modules
➤ Dual-core CPU, Window 10 OS, 8" multi-touch display, 4GB memory

1. Speaker	9. AC adapter
2. Brightness Control	10. Kensington security lock slot
3. Keyboard/screen capture	11. Microphone/headset jack
4. Switch application	12. Micro SD card slot
5. Power on/off	13. 1 GigE port
6. Battery LED	14. One USB 3.0 port
7. Module back	15. Two USB 2.0 ports
8. Stand support	16. Power meter and VFL

Optional Adapter Caps and Replacement Battery

	FOA-54 Power Meter SC Adapter Cap **880X720** $90.00 ea.		FOA-96B Power Meter E-2000 Adapter Cap **880X210** $160.00 ea.		EUI-90 Source ST Adapter Cap **880X352** $130.00 ea.
	FOA-32 Power Meter ST Adapter Cap **880X715** $90.00 ea.		FOA-U25 2.5-mm Universal Adapter Cap for ST, SC and FC Connectors **880X735** $200.00 ea.		EUI-89 Source FC Adapter Cap **880X350** $130.00 ea.
	FOA-22 Power Meter FC Adapter Cap **880X710** $90.00 ea.		GP-2090 Repl. 14.4V Li-ion Battery for FTB-1v2, 2, 2-PRO, 4-PRO and 500 **880X758** $320.00 ea.		EUI-98 Source LC Source **880X358** $210.00 ea.
	FOA-98 Power Meter LC Adapter Cap **880X725** $190.00 ea.		EUI-91 Source SC Adapter Cap **880X354** $130.00 ea.		

OTDRs

MULTIMODE SINGLEMODE

i OLM | intelligent Optical Link Mapper   **Bluetooth®**   **Wi Fi™**

FTB-2 Modular Platform

➤ 10M to 100G multi-technology and multi-service testing solution
➤ Compact field testing tool in a high-end platform
➤ Modular aspect brings flexibility with plug-and-plays and add-ons
➤ Use the DUAL core unit for CWDM turn-up testing and the QUAD core model for DWDM testing

SPC No.	Part No. and Description	Price
880X539	FTB-2-S1-RF Standard Platform, Wi-Fi/Bluetooth	$4325.33 ea.
880X537	FTB-2-PRO-S1 Pro Platform, QUAD Core CPU	$6634.67 ea.

FTB-2 Specification Comparison		
	FTB-2	**FTB-2 Pro**
Display	Touchscreen, color, 1280 x 800 TFT 256 mm (10.1 in)	Touchscreen, color, 1280 x 800 TFT 256 mm (10.1 in)
Interfaces	RJ45 LAN 10/100/1000 Mbit/s Two USB 2.0 ports/One USB 3.0 port Display port/ Headset jack	RJ45 LAN 10/100/1000 Mbit/s Two USB 2.0 ports/One USB 3.0 port Display port/ Headset jack
Storage	64 GB internal memory (flash)	64 or 128 GB internal memory (flash)
Battery	One rechargeable Li-ion smart battery	Two rechargeable Li-ion smart batteries
Power Supply	AC/DC adapter	AC/DC adapter
Computer	Dual-core processor, 2 GB RAM, Windows 10	Quad-core processor, 4GB RAM, Windows 10
Applications	Optical and basic multi-services	Optical and evolutive high-speed test services

Need help ordering your OTDR?

Call us today at (800) 866-5353

See page 25 for the FIP-400B Intelligent Fiber Inspection Probes that are compatible with all FTB and MaxTester Platforms.

SINGLEMODE

MaxTester 945 Optical Loss Test Set

➤ Tablet inspired and multifunction singlemode OLTS
➤ Delivers insertion loss, optical return loss and fiber-length at two wavelengths in five seconds
➤ 100% automated fiber inspection at both ends of the link
➤ On-board assistant, diagnostics and professional PDF reporting

| SPC No.	Part No. and Description	Price
880X665	MAX-945P-RF-SM1-EA-EUI-91 Singlemode OLTS	$14300.00 ea.

OTDRs

SINGLEMODE

AFL

FlexScan® TS100 FTTH PON Troubleshooter

➤ Troubleshoot PON and Point-to-Point networks with filtered 1650 nm
➤ Instantly measure downstream GPON and Video or 10G PON power
➤ Measure link length, loss, ORL and detect events to splitter in <3 sec
➤ Store results internally, save to USB and upload via USB & Bluetooth
➤ TS-100-60 tests links with up to 18 db loss
➤ TS-100-70 evaluates splitter loss and tests links with ≤23 dB loss

TS100 FlexScan Troubleshooter Comparison				
	812X730	812X732	812X734	812X736
Test Through Splitter up to 1:64			✓	✓
Fiber Ring/One-Click Cleaner		✓		✓
FOCIS Flex Probe with Tips		✓		✓

SPC No.	Part No.	Description	Price
812X730	TS100-60-BAS-P2	Troubleshooter Basic Kit	$4290.00 ea.
812X732	TS100-60-PRO-P2	Troubleshooter w/Accessories	$6980.00 ea.
812X734	TS100-70-BAS-P2	Troubleshooter Basic Kit	$4790.00 ea.
812X736	TS100-70-PRO-P2	Troubleshooter w/Accessories	$7480.00 ea.
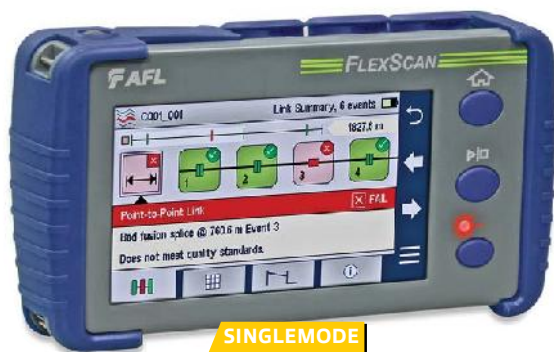
SINGLEMODE

FlexScan® FS200 Singlemode OTDR

AFL

➤ Troubleshoot and fully characterize optical networks
➤ SmartAuto® + LinkMap® = Easy to configure and understand
➤ Integrated VFL, OLS and OPM auto-synchronize with Wave ID
➤ Access internal/external stored reports via USB, Bluetooth or Wi-Fi

FS200 FlexScan OTDR Specifications			
	FS200-100	FS200-300	FS200-304
Center Wavelengths (nm)	1310/1550	1310/1550	1310/1550/1650
Dynamic Range (SNR=1)	32/30 dB	37/36 dB	37/36/37 dB
Event/Atten Dead Zones	0.8/3.6 m	0.8/3.5 m	0.8/3.5 m

SPC No.	Part No. and Description	Price
812X582	FS200-100-BAS-P1-W1-A ENG-US, 1310/1550 APC	$4480.00 ea.
812X584	FS200-100-BAS-P1-W1-U-ENG-US, 1310/1550 UPC	$4480.00 ea.
812X482	FS200-300-BAS-P1-W1-A-ENG-US, 1310/1550 APC	$5380.00 ea.
812X484	FS200-300-BAS-P1-W1-U-ENG-US, 1310/1550 UPC	$5380.00 ea.
812X486	FS200-304-BAS-P1-W1-A-ENG-US, 1310/1550/1650 APC	$7180.00 ea.
812X488	FS200-304-BAS-P1-W1-U-ENG-US, 1310/1550/1650 UPC	$7180.00 ea.
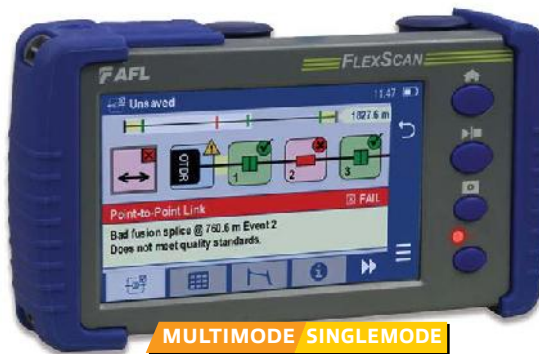
MULTIMODE SINGLEMODE

FlexScan® FS300 Quad OTDR

➤ Verify and maintain multimode and singlemode networks
➤ Test point-to-point networks and FTTH PONs/Passive Optical LANs
➤ 37 dB dynamic range and <0.8 m dead zones

FS300 FlexScan OTDR Comparison				
	BASIC Kits	PLUS Kits	PRO Kits	MPO Kits
OLS/OPM/VFL/Bluetooth/Wi-Fi	✓	✓	✓	✓
Fiber Rings/One-Click Cleaner		✓	✓	✓
FOCIS Flex Probe with Tips			✓	
MPO Switch				✓

SPC No.	Part No. and Description	Price
812X493	FS300-325-BAS-P1-W1-A-ENG-US w/OLS & OPM, APC	$8680.00 ea.
812X930	FS300-325-BAS-P1-W1-U-ENG-US w/OLS & OPM, UPC	$8690.00 ea.
812X502	FS300-325-PLUS-P1-W1-A-ENG-US-SC/ASC-SC/SC2 OTDR Kit w/OLS, OPM, Fiber Rings & One-Click Cleaner	$9515.00 ea.
812X642	FS300-325-PLUS-P1-W1 OTDR Kit w/OLS, OPM	$9515.00 ea.
812X762	FS300-325-PLUS-P1-W1-U-H1-ENG-US-SC/SC-SC/SC2 OTDR Kit w/OLS, OPM, SC	$9515.00 ea.
812X520	FS300-325-PRO-P1-W1-A-ENG-US-SC/ASC-SC/SC2-SC OTDR Kit w/OLS, OPM, Fiber Rings, Cleaner, FOCIS Flex	$11590.00 ea.
812X918	FS300-325-PRO-P1-W1-A-ENG-US-ASC/ST-SC/ST1-S OTDR Kit w/OLS, OPM, Fiber Rings, Cleaner, FOCIS Flex	$11590.00 ea.
812X644	FS300-325-PRO-P1-W0-A-ENG-SC/ASC-SC/SC2-SC OTDR Kit w/OLS, OPM, Fiber Rings, Cleaner, FOCIS Flex	$11590.00 ea.
812X496	FS300-325-SMPO-P1-W1-A-ENG-US-F OTDR Kit w/ OLS, OPM, Fiber Rings, Cleaner, SM MPO Switch	$14975.00 ea.
812X492	FS300-325-MMPO-P1-W1-A-ENG-US-F OTDR Kit w/ OLS, OPM, Fiber Rings, Cleaner, MM MPO Switch	$14975.00 ea.
812X133	2900-58-0001MR APC-to-APC Port Saver Connector	$225.00 ea.
812X163	3900-06-0902MR Replacement Battery	$95.00 ea.

FlexScan® FTTH-PRO PON OTDR Kits

➤ Kits feature a singlemode OTDR with integrated OPM and VFL
➤ Use for FTTH PON testing, out-of-service PON verification, testing insertion loss and live PON troubleshooting
➤ Dynamic range of 37/36/37 db and PON dead zone of 25/25/30 m
➤ Include FOCIS flex inspection system plus SC/APC and LC/APC cleaners, launch cables and adapter tips

SPC No.	Part No. and Description	Price
812X590	FS200-303-FTTH-PRO-S1-ENG-US, 1310/1550/1625	$10525.00 ea.
812X594	FS200-304-FTTH-PRO-S1-ENG-US, 1310/1550/1650	$10525.00 ea.

Optical Explorer Fiber Multimeters

➤ First optical fiber multimeter
➤ Verify optical links including loss, ORL and length in seconds
➤ Fault explorer technology has unit automatically look for and diagnose potential faults

Click-out optical connectors on the PRO kits make replacement in the field fast and easy.

SPC No.	Part No.	Description	Price
880X772	OX1-I-88-00	OX1 Basic Installation Kit	$2950.00 ea.
880X775	OX1-PRO-I-88-00	OX1 PRO Installation Kit	$3605.00 ea.
880X776	OX1-PRO-M-88-00	OX1 PRO Maintenance Kit	$5030.00 ea.
880X780	OX1-PRO-M-PPM-88	OX1 PRO w/Power Checker	$5470.00 ea.
880X473	GP-3153	SC/UPC Click-Out	$410.00 ea.
880X470	GP-3152	SC/APC Click-Out	$410.00 ea.
880X282	GP-3150	Rechargeable Battery	$320.00 ea.

SPC952 Contents

Optical Explorer PRO Installation Kit
SC/APC to LC/UPC Test Cord Box
SC/APC to SC/UPC Test Cord Box
2.5 mm IBC Cleaning Tool
1.25 mm IBC Cleaning Tool
Tradesman Pro Carrying Case

SPC952 Optical Explorer Pro Installer Kit

➤ Rugged PVC coated polyester case
➤ Test cord boxes are 20 meters in length
➤ Features OX1-PRO optical fiber multimeter
➤ 2.5-mm and 1.25-mm cleaning tools provide over 525 cleanings each

SPC No.	Description	Price
SPC952	Optical Explorer Pro Fiber Kit	1-5, $4680.00 ea.; 6-up, $4446.00 ea.

OptiFiber® Pro V2 OTDR Kits

➤ Use on enterprise fiber infrastructures
➤ Has built-in VFL, Taptive user interface and one-second Pass/Fail certification
➤ Features fast set-up and trace times, auto-bidirectional testing, plus short event and attenuation dead zones

MULTIMODE SINGLEMODE

SPC No.	Part No.	Description	Price
044X699	OFP2-100-M	Multimode OTDR &WiFi	$9754.99 ea.
044X702	OFP2-100-SI	SM OTDR w/Inspection & WiFi	$14577.99 ea.
044X700	OFP2-100-QI	QUAD OTDR w/Inspection & WiFi	$17096.99 ea.
044X160	FI-1000-KIT	USB Video Probe and Tip Set	$2500.99 ea.

Optimeter PRO Kit

➤ Intelligent optical fiber meter used to validate, certify and troubleshoot fiber links
➤ Simple user interface with one-button test results in one minute
➤ Includes 20-meter SC/APC launch cable

SPC No.	Part No.	Price
345X455	FOPT-PRO-M-APC	$4569.00 ea.

Singlemode SmartOTDR

➤ Use for automated fiber inspection, point-to-point access and metro characterization
➤ Includes broadband power meter, VFL and integrated CW light source
➤ 37/35 dB dynamic range at 1310/1550 nm

SINGLEMODE

SPC No.	Part No.	Price
345X460	FSTOTDR-PRO-I-APC	$5285.00 ea.

Mini Pro Singlemode OTDR

➤ Multi-function device for field use
➤ Evaluate and maintain FTTx and access network construction
➤ Identify breaks, measure cable length and calculate relative optical power losses
➤ 3.5" color screen and 600 MB storage

SINGLEMODE

SPC No.	Part No.	Price
054X595	OTDR-1000	$1495.95 ea.

AFL

OTDR Launch and Receive Test Cables

➤ Use cables with an OTDR to measure complete link loss of a fiber

➤ Find insertion loss and reflectance of near and far connections

➤ Packaged in rings for easy transport in the field

➤ Use 500 and 1000 meter cables for broadband and long-haul fiber testing, and 150 meter cables for premises fiber network testing

Multimode UPC OTDR Fiber Rings

SPC No.	Part No.	Connector Type	Fiber Type	Fiber Length	Price
812X820	FR-OM1-150-USC-ULC	SC to LC	OM1 62.5 µm	150 m (492 feet)	$235.00 ea.
812X822	FR-OM1-150-USC-USC	SC to SC	OM1 62.5 µm	150 m (492 feet)	$235.00 ea.
812X824	FR-OM1-150-USC-UST	SC to ST	OM1 62.5 µm	150 m (492 feet)	$235.00 ea.
812X826	FR-OM1-150-UST-ULC	ST to LC	OM1 62.5 µm	150 m (492 feet)	$285.00 ea.
812X828	FR-OM1-150-UST-UST	ST to ST	OM1 62.5 µm	150 m (492 feet)	$285.00 ea.
812X830	FR-OM2-150-USC-ULC	SC to LC	OM2 50 µm	150 m (492 feet)	$235.00 ea.
812X832	FR-OM2-150-USC-USC	SC to SC	OM2 50 µm	150 m (492 feet)	$235.00 ea.
812X834	FR-OM2-150-USC-UST	SC to ST	OM2 50 µm	150 m (492 feet)	$235.00 ea.
812X836	FR-OM2-150-UST-ULC	ST to LC	OM2 50 µm	150 m (492 feet)	$285.00 ea.
812X838	FR-OM2-150-UST-UST	ST to ST	OM2 50 µm	150 m (492 feet)	$285.00 ea.
812X840	FR-OM3-150-USC-USC	SC to SC	OM3 50 µm	150 m (492 feet)	$335.00 ea.

Singlemode UPC OTDR Fiber Rings

SPC No.	Part No.	Connector Type	Fiber Type	Fiber Length	Price
812X850	FR-SMF-150-UFC-UFC	FC to FC	SMF G.652	150 m (492 feet)	$285.00 ea.
812X852	FR-SMF-150-UFC-ULC	FC to LC	SMF G.652	150 m (492 feet)	$285.00 ea.
812X854	FR-SMF-150-USC-UFC	FC to SC	SMF G.652	150 m (492 feet)	$235.00 ea.
812X856	FR-SMF-150-ULC-ULC	LC to LC	SMF G.652	150 m (492 feet)	$285.00 ea.
812X874	FR-SMF-1000-ULC-ULC	LC to LC	SMF G.652	1000 m (3281 feet)	$485.00 ea.
812X858	FR-SMF-150-USC-ULC	LC to SC	SMF G.652	150 m (492 feet)	$235.00 ea.
812X870	FR-SMF-500-ULC-USC	LC to SC	SMF G.652	500 m (1640 feet)	$365.00 ea.
812X876	FR-SMF-1000-ULC-USC	LC to SC	SMF G.652	1000 m (3281 feet)	$435.00 ea.
812X860	FR-SMF-150-ULC-UST	LC to ST	SMF G.652	150 m (492 feet)	$285.00 ea.
812X862	FR-SMF-150-USC-USC	SC to SC	SMF G.652	150 m (492 feet)	$235.00 ea.
812X872	FR-SMF-500-USC-USC	SC to SC	SMF G.652	500 m (1640 feet)	$365.00 ea.
812X878	FR-SMF-1000-USC-USC	SC to SC	SMF G.652	1000 m (3281 feet)	$435.00 ea.
812X864	FR-SMF-150-USC-UST	SC to ST	SMF G.652	150 m (492 feet)	$235.00 ea.
812X880	FR-SMF-1000-USC-UST	SC to ST	SMF G.652	1000 m (3281 feet)	$435.00 ea.
812X866	FR-SMF-150-UST-UST	ST to ST	SMF G.652	150 m (492 feet)	$285.00 ea.
812X882	FR-SMF-1000-UST-UST	ST to ST	SMF G.652	1000 m (3281 feet)	$485.00 ea.

Singlemode APC OTDR Fiber Rings

SPC No.	Part No.	Connector Type	Fiber Type	Fiber Length	Price
812X846	FR-SMF-150-UFC-AFC	FC to FC/APC	SMF G.652	150 m (492 feet)	$285.00 ea.
812X848	FR-SMF-150-ASC-UFC	FC to SC/APC	SMF G.652	150 m (492 feet)	$235.00 ea.
812X842	FR-SMF-150-USC-AFC	FC/AFC to SC	SMF G.652	150 m (492 feet)	$235.00 ea.
812X844	FR-SMF-150-ASC-USC	SC/AFC to SC	SMF G.652	150 m (492 feet)	$235.00 ea.
812X868	FR-SMF-500-ASC-USC	SC/AFC to SC	SMF G.652	500 m (1640 feet)	$365.00 ea.

Check out new promotions at www.specialized.net

FIBER XP

Fiber Optic Launch Cables

➤ Use with an OTDR to minimize event dead zones

➤ Measure insertion loss and reflectance at both link ends

➤ Each fiber ring has a repositionable carabiner and one meter pigtail

➤ Compact, lightweight and portable ring design

➤ Available in a variety of connector options and utilize genuine Corning fiber cable

Launch Cables

Pouch included with every purchase

B FIBER RING - LAUNCH CABLE
F FIBER LINK UNDER TEST
G FIBER RING - RECEIVE CABLE

FIBER RING CONNECTOR

D FUSION SPLICE

A OTDR PORT — OTDR

C NEAR-END CONNECTION
E FAR-END CONNECTION
H END OF RECEIVE CABLE
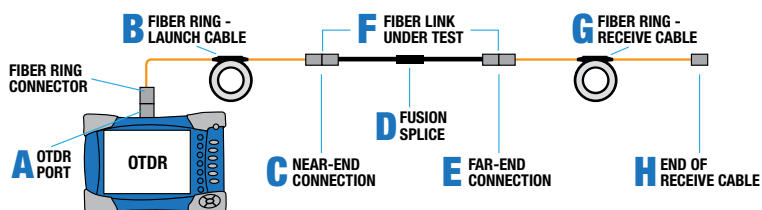
EXAMPLE OTDR TEST CONFIGURATION WITH LAUNCH AND RECEIVE CABLES

OTDR PORT **A**
NEAR-END CONNECTION **C**
FIBER RING - LAUNCH CABLE **B**
FUSION SPLICE **D**

H END OF RECEIVE CABLE
F FIBER LINK UNDER TEST
E FAR-END CONNECTION
G FIBER RING - RECEIVE CABLE
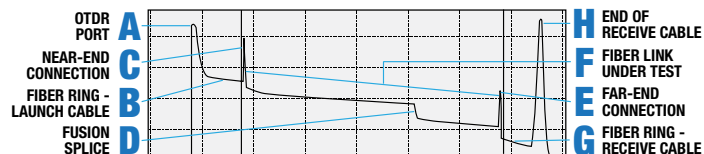
Need Custom Lengths? Custom Connector Combinations? High Volume Purchase?

Order FiberXP multimode and singlemode launch cables or launch boxes for custom and large-scale solutions at very competitive pricing. They are available in any length, connector combination or quantity. Please contact our sales department at 800-866-5353 or email sales@specialized.net for a custom quote on any custom configuration or large quantity requirement.

DiVOT
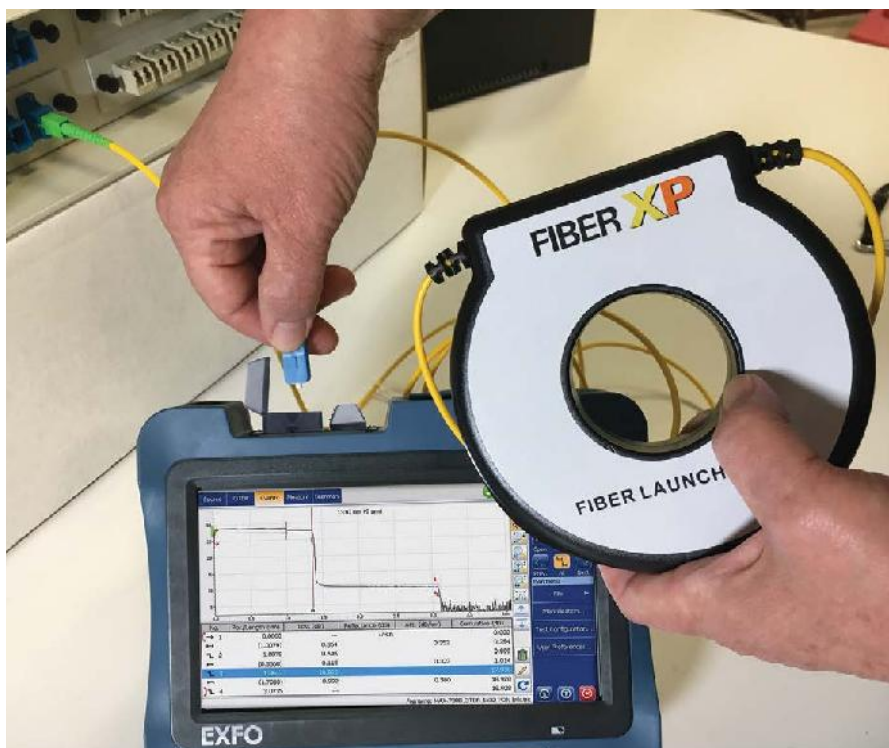
Singlemode Bare Fiber Adapters

➤ Quickly connect test equipment to bare fiber

➤ Use for testing, servicing and communication requirements

➤ Replaceable cartridges have a typical yield of 500 insertions

SPC No.	Part No.	Description	Price
721X197	DVT-S3	SC Adapter/Tester	$325.00 ea.
722X205	DVT-S5	SC/APC Adapter/Tester	$325.00 ea.

Launch Cables

FIBER XP

Multimode Fiber Optic Launch Cables
➤ Utilizing genuine Corning fiber cable, OM1 launch cables are made with multimode 62.5 µm fiber, OM2 use 50 µm fiber and OM3 feature laser optimized 50 µm fiber
➤ Feature 150 meter fiber, one meter pigtails and light-weight ring with repositionable carabiner

Multimode OM1 UPC to UPC Launch Cables

SPC No.	Part No.	Connector Type	Fiber Type	Fiber Length	Price
685X004	FR-STULCUOM1-150	ST to LC	62.5 µm	150 m (492 feet)	$159.95 ea.
685X006	FR-SCUSTUOM1-150	SC to ST	62.5 µm	150 m (492 feet)	$159.95 ea.
685X008	FR-SCUSCUOM1-150	SC to SC	62.5 µm	150 m (492 feet)	$159.95 ea.
685X010	FR-SCULCUOM1-150	SC to LC	62.5 µm	150 m (492 feet)	$159.95 ea.
685X012	FR-SCUFCUOM1-150	SC to FC	62.5 µm	150 m (492 feet)	$159.95 ea.
685X014	FR-FCULCUOM1-150	FC to LC	62.5 µm	150 m (492 feet)	$159.95 ea.
685X016	FR-FCUSTUOM1-150	FC to ST	62.5 µm	150 m (492 feet)	$159.95 ea.

Multimode OM2 UPC to UPC Launch Cables

SPC No.	Part No.	Connector Type	Fiber Type	Fiber Length	Price
685X018	FR-STUSTUOM2-150	ST to ST	50 µm	150 m (492 feet)	$159.95 ea.
685X020	FR-STULCUOM2-150	ST to LC	50 µm	150 m (492 feet)	$159.95 ea.
685X022	FR-SCUSTUOM2-150	SC to ST	50 µm	150 m (492 feet)	$159.95 ea.
685X024	FR-SCUSCUOM2-150	SC to SC	50 µm	150 m (492 feet)	$159.95 ea.
685X026	FR-FCUSTUOM2-150	FC to ST	50 µm	150 m (492 feet)	$159.95 ea.

Multimode OM3 UPC to UPC Bend Insensitive Launch Cables

SPC No.	Part No.	Connector Type	Fiber Type	Fiber Length	Price
685X028	FR-SCUSCUOM3-150	SC to SC	50 µm	150 m (492 feet)	$159.95 ea.
685X030	FR-SCULCUOM3-150	SC to LC	50 µm	150 m (492 feet)	$159.95 ea.
685X032	FR-LCULCUOM3-150	LC to LC	50 µm	150 m (492 feet)	$159.95 ea.

Pouch included with every purchase

Singlemode Fiber Box OTDR Launch Cables
➤ Perform all the functions of fiber launch cables
➤ Hard plastic rugged case secures the cable
➤ 2000 meter cables come in four connector combinations

SPC No.	Part No.	Connector Type	Fiber Type	Fiber Length	Price
682X932	RUFR-SCUSCUS2-2000M	SC to SC	9 µm	2000 m (6562 ft)	$399.00 ea.
682X926	RUFR-SCASCUS2-2000M	SC/APC to SC	9 µm	2000 m (6562 ft)	$399.00 ea.
682X930	RUFR-SCULCUS2-2000M	SC to LC	9 µm	2000 m (6562 ft)	$399.00 ea.

Singlemode Fiber Optic Launch Cables

➤ Made with 9 µm genuine Corning singlemode fiber cable
➤ Available in 20, 100, 150, 300, 500 and 1000 meter lengths
➤ Feature fiber, one meter pigtails and portable ring with repositionable carabiner

FIBER **XP**®

Singlemode UPC to UPC Launch Cables

SPC No.	Part No.	Connector Type	Fiber Type	Fiber Length	Price
685X100	FR-FCUFCUSM-150	FC to FC	9 µm	150 m (492 feet)	$159.95 ea.
685X102	FR-FCUSCUSM-150	FC to SC	9 µm	150 m (492 feet)	$159.95 ea.
685X104	FR-FCUSCUSM-500	FC to SC	9 µm	500 m (1640 feet)	$189.00 ea.
685X106	FR-FCUSCUSM-1000	FC to SC	9 µm	1000 m (3281 feet)	$239.00 ea.
685X108	FR-FCULCUSM-150	FC to LC	9 µm	150 m (492 feet)	$159.95 ea.
685X110	FR-FCULCUSM-500	FC to LC	9 µm	500 m (1640 feet)	$189.00 ea.
685X112	FR-SCUSCUSM-150	SC to SC	9 µm	150 m (492 feet)	$159.95 ea.
685X114	FR-SCUSCUSM-500	SC to SC	9 µm	500 m (1640 feet)	$189.00 ea.
685X116	FR-SCUSCUSM-1000	SC to SC	9 µm	1000 m (3281 feet)	$239.00 ea.
685X118	FR-SCUSTUSM-150	SC to ST	9 µm	150 m (492 feet)	$159.95 ea.
685X120	FR-SCUSTUSM-1000	SC to ST	9 µm	1000 m (3281 feet)	$239.00 ea.
685X122	FR-SCULCUSM-150	SC to LC	9 µm	150 m (492 feet)	$159.95 ea.
685X124	FR-SCULCUSM-500	SC to LC	9 µm	500 m (1640 feet)	$189.00 ea.
685X126	FR-SCULCUSM-1000	SC to LC	9 µm	1000 m (3281 feet)	$239.00 ea.
685X128	FR-STUSTUSM-150	ST to ST	9 µm	150 m (492 feet)	$159.95 ea.
685X130	FR-STULCUSM-150	ST to LC	9 µm	150 m (492 feet)	$159.95 ea.
685X132	FR-STULCUUSM-1000	ST to LC	9 µm	1000 m (3281 feet)	$239.00 ea.
685X134	FR-LCULCUSM-150	LC to LC	9 µm	150 m (492 feet)	$159.95 ea.
685X136	FR-LCULCUSM-500	LC to LC	9 µm	500 m (1640 feet)	$189.00 ea.
685X138	FR-LCULCUSM-1000	LC to LC	9 µm	1000 m (3281 feet)	$239.00 ea.

Pouch included with every purchase

Singlemode UPC to APC Launch Cables

SPC No.	Part No.	Connector Type	Fiber Type	Fiber Length	Price
685X200	FR-FCUFCASM-150	FC to FC/APC	9 µm	150 m (492 feet)	$159.95 ea.
685X202	FR-FCULCASM-150	FC to LC/APC	9 µm	150 m (492 feet)	$159.95 ea.
685X204	FR-FCUSCASM-150	FC to SC/APC	9 µm	150 m (492 feet)	$159.95 ea.
685X206	FR-FCUSCASM-1000	FC to SC/APC	9 µm	1000 m (3281 feet)	$239.00 ea.
685X205	FR-SCUSCASM-20	SC to SC/APC	9 µm	20 m (65.6 feet)	$49.00 ea.
685X207	FR-SCUSCASM-100	SC to SC/APC	9 µm	100 m (328 feet)	$99.00 ea.
685X208	FR-SCUSCASM-150	SC to SC/APC	9 µm	150 m (492 feet)	$159.95 ea.
685X209	FR-SCUSCASM-300	SC to SC/APC	9 µm	300 m (984 feet)	$139.00 ea.
685X210	FR-SCUSCASM-500	SC to SC/APC	9 µm	500 m (1640 feet)	$189.00 ea.
685X212	FR-SCUSCASM-1000	SC to SC/APC	9 µm	1000 m (3281 feet)	$239.00 ea.
685X214	FR-SCULCASM-150	SC to LC/APC	9 µm	150 m (492 feet)	$159.95 ea.
685X216	FR-STUSCASM-150	ST to SC/APC	9 µm	150 m (492 feet)	$159.95 ea.
685X218	FR-STUSCASM-1000	ST to SC/APC	9 µm	1000 m (3281 feet)	$239.00 ea.
685X220	FR-STULCASM-150	ST to LC/APC	9 µm	150 m (492 feet)	$159.95 ea.
685X221	FR-LCUSCASM-20	LC to SC/APC	9 µm	20 m (65.6 feet)	$49.00 ea.
685X222	FR-LCUSCASM-150	LC to SC/APC	9 µm	150 m (492 feet)	$159.95 ea.
685X224	FR-LCUSCASM-500	LC to SC/APC	9 µm	500 m (1640 feet)	$189.00 ea.
685X226	FR-LCUSCASM-1000	LC to SC/APC	9 µm	1000 m (3281 feet)	$239.00 ea.
685X227	FR-LCULCASM-100	LC to LC/APC	9 µm	100 m (328 feet)	$99.00 ea.
685X228	FR-LCULCASM-150	LC to LC/APC	9 µm	150 m (492 feet)	$159.95 ea.
685X229	FR-LCULCASM-300	LC to LC/APC	9 µm	300 m (984 feet)	$139.00 ea.
685X230	FR-LCULCASM-500	LC to LC/APC	9 µm	500 m (1640 feet)	$189.00 ea.
685X232	FR-LCULCASM-1000	LC to LC/APC	9 µm	1000 m (3281 feet)	$239.00 ea.

Singlemode APC to APC Launch Cables

SPC No.	Part No.	Connector Type	Fiber Type	Fiber Length	Price
685X248	FR-SCASCASM-20	SC/APC to SC/APC	9 µm	20 m (65.6 feet)	$49.00 ea.
685X250	FR-SCASCASM-150	SC/APC to SC/APC	9 µm	150 m (492 feet)	$159.95 ea.
685X252	FR-SCASCASM-500	SC/APC to SC/APC	9 µm	500 m (1640 feet)	$189.00 ea.
685X254	FR-SCASCASM-1000	SC/APC to SC/APC	9 µm	1000 m (3281 feet)	$239.00 ea.
685X255	FR-SCALCASM-20	SC/APC to LC/APC	9 µm	20 m (65.6 feet)	$49.00 ea.
685X256	FR-SCALCASM-150	SC/APC to LC/APC	9 µm	150 m (492 feet)	$159.95 ea.
685X258	FR-SCALCASM-1000	SC/APC to LC/APC	9 µm	1000 m (3281 feet)	$239.00 ea.
685X260	FR-LCALCASM-1000	LC/APC to LC/APC	9 µm	1000 m (3281 feet)	$239.00 ea.
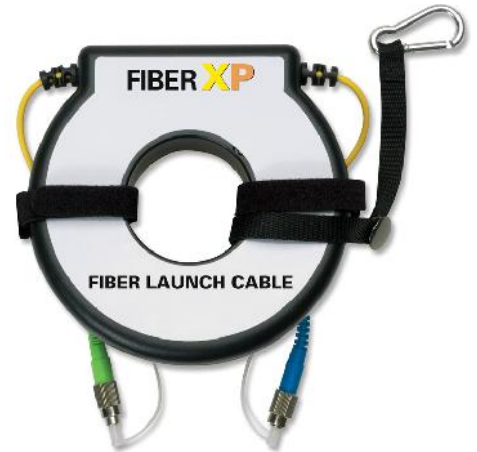
OLS4 Dual-Port Source with LED/ Laser emitter for testing 850, 1300, 1310, and 1550 nm wavelengths

Multimode/Singlemode Test Kits with Data Storage

➤ Storage of over 500 fibers per wavelength in internal memory

➤ Transfer results to PC via USB for storage, display and analysis

➤ Generate reports with TRM® Test Results Management Software

OPM5 optical power meter adds data storage capabilities

SPC No.	Part No.	Desc.	Price
812X207	SMLP-55-0907PR	SC Kit	$2905.00 ea.
812X578	SMLP-55-0908PR	ST Kit	$2905.00 ea.
812X728	SMLP-55-0909PR	FC Kit	$2905.00 ea.

MULTIMODE SINGLEMODE

AFL

Wave ID automatically detects and sets the wavelength

270 Hz, 330 Hz, 1 kHz and 2 kHz tone detection

Large backlit LCD displays power measurements in dBm or µW

Organize test results into files and transfer stored results via USB

AFL

OPM4 Optical Power Meters

➤ Measure optical power and insertion loss on MM and SM fiber links

➤ Test wavelengths of 850, 1300, 1310, 1490 and 1550 nm

➤ OPM4-4D with a filtered InGaAs detector adds 980 and 1625 nm

SPC No.	Part No.	Description	Price
812X554	OPM4-32-0900PR	Power Meter, +6 to -60 dBm	$425.00 ea.
812X555	OPM4-34-0900PR	Power Meter, +26 to -50 dBm	$590.00 ea.

OPM5 Optical Power Meters with Data Storage

➤ Data storage holds over 500 records per wavelength storage

➤ Test wavelengths of 850, 1300, 1310, 1490 and 1550 nm

➤ OPM5-4D with a filtered InGaAs detector adds 980 and 1625 nm

SPC No.	Part No.	Description	Price
812X560	OPM5-32-0900PR	Power Meter, +6 to -60 dBm	$855.00 ea.
812X712	OPM5-34-0900PR	Power Meter, +26 to -50 dBm	$1025.00 ea.

OLS1-Dual MM Optical Light Sources

➤ Multimode port for 850 and 1300 nm

➤ Certifies multimode links per TIA/EIA standards

➤ Use with Ethernet, token ring and FDDI fiber links

MULTIMODE

SPC No.	Part No.	Description	Price
812X690	OLS1-DUAL	OLS, SC	$860.00 ea.
812X695	OLS1-DUAL	OLS, ST	$860.00 ea.
812X685	OLS1-DUAL	OLS, FC	$860.00 ea.

OLS2-Dual SM Optical Light Sources

➤ Singlemode port for 1310 and 1550 nm

➤ Certifies singlemode links per TIA/EIA standards

➤ Use for SM networks and LAN/WAN testing

SINGLEMODE

SPC No.	Part No.	Description	Price
812X702	OLS2-DUAL	OLS, SC	$1505.00 ea.
812X704	OLS2-DUAL	OLS, ST	$1505.00 ea.
812X700	OLS2-DUAL	OLS, FC	$1505.00 ea.

OLS4 SM/MM Light Source

➤ Both singlemode and multimode for 850, 1300, 1310 and 1550 nm

➤ Generates up to three Wave ID wavelengths

➤ Use for loss testing with both LED and laser emitter

MULTIMODE SINGLEMODE

SPC No.	Part No. and Description	Price
812X708	OLS4-10-0900PR OLS, SC	$2470.00 ea.

Multiple test tone detection

850-, 1300-, 1310- and 1550-nm

Dual output from one port

LCD displays nm and Hz

MULTIMODE SINGLEMODE

Contractor Series Test Kits

➤ Two light sources — just MM or both MM/SM
➤ Power meter has 270-, 300-, 1000- and 2000-Hz test tone detection
➤ Perform insertion loss measurements on MM and SM fiber links

SPC No.	Part No.	Description	Price
812X632	CKM2-00-0902PR	Multimode Test Kit	$915.00 ea.
812X634	CKD2-00-0902PR	Multimode/Singlemode Test Kit	$1780.00 ea.

OTDR, OLS and OPM Test Port Adapters

➤ Use tool-free switchable adapters with OTDRs, OLSs and OPMs
➤ Adapters allow test equipment to interface with launch cables

SPC No.	Part No.	Description	Price Ea.	SPC No.	Part No.	Description	Price Ea.
812X156	2900-50-0004MR	ST Adapter	$60.00	**812X152**	2900-50-0002MR	FC Adapter	$60.00
812X158	2900-50-0006MR	LC Adapter	$94.00	**812X154**	2900-50-0003MR	SC Adapter	$60.00

Optional Screw-on Adapter Caps

➤ Thread-on caps mate non-angled and angled single- and dual-fiber connectors to optical power meter ports
➤ For OPM power meters and OFS300 inspection scopes
➤ Adapters work with the FlowScout™ optical power meter

SPC No.	Part No.	Description	Price Ea.
812X212	8800-00-0224	1.25-mm Universal Adapter Cap	$56.00
812X214	8800-00-0214	2.5-mm Universal Adapter Cap	$56.00
812X200	8800-00-0200	FC Screw-on Adapter Cap	$56.00
812X209	8800-00-0209	SC Screw-on Adapter Cap	$56.00
812X202	8800-00-0202	ST Screw-on Adapter Cap	$56.00
812X222	8800-00-0225	LC Simplex Adapter Cap	$113.00
812X203	8800-00-0203	SMA Screw-on Adapter Cap	$56.00

FlowScout™ PON Optical Power Meter

➤ Detects and measures PON upstream and downstream signals
➤ Detects GPON, XGS-PON and video signals all at once
➤ Tool-free switchable test port adapters work with the FlowScout

SPC No.	Part No. and Description	Price
812X738	TPPM-XG-0900PR FlowScout PON Power Meter	$2490.00 ea.

VIAVI

SmartClass™ OLS-85 Optical Light Sources

➤ Inspection-ready optical light sources
➤ 3.5" color touch screen w/stylus
➤ SM version has 1310/1550 nm nominal wavelengths and PC optical interface
➤ Quad version 850/1300/1310/1550 nm is encircle flux compliant at 850 nm

SPC No.	Part No. and Type	Price
345X178	2313/01, Singlemode	$3225.00 ea.
345X176	2313/05, Quad	$4859.00 ea.

VIAVI

SmartClass™ OLP-85/85P Optical Power Meters

➤ Inspection-ready optical power meters
➤ Combine pass/fail fiber inspection and optical power measurement
➤ 100 dB dynamic range
➤ OLP-85P adds integrated patch cord microscope (PCM)

SPC No.	Part No. & Description	Price
345X175	2307/03 OLP-85	$1909.00 ea.
345X177	2308/03 OLP-85P	$2569.00 ea.

2326/35 OLTS-85P
Quad Optical Loss
Test Set w/PCM

VIAVI

SmartClass™ OLTS-85/85P Optical Loss Test Sets

➤ Use for Tier 1 fiber certification and reporting
➤ Measure length and optical loss, check polarity and inspect fiber end faces
➤ Kits include local/remote test sets, case and test reference cords

SPC No.	Part No. and Description	Price
345X302	2325/31 OLTS-85 Singlemode Optical Loss Test Set	$9435.00 ea.
345X304	2325/34 OLTS-85 Multimode Optical Loss Test Set	$7529.00 ea.
345X305	2325/35 OLTS-85 Quad Optical Loss Test Set	$11665.00 ea.
345X306	2326/35 OLTS-85P Quad Optical Loss Test Set w/PCM	$13949.00 ea.

VIAVI

SmartPocket™ V2 Light Sources

➤ Rugged light sources measure insertion loss and check continuity in the field
➤ OLS-35V2 covers all standard dual wavelength SM applications with 1310/1550 nm
➤ OLS-36V2 adds MM 850/1300 nm uses

SPC No.	Part No. and Description	Price
345X672	OLS-35V2 SM Light Source	$1949.00 ea.
345X674	OLS-36V2 Quad Light Source	$2665.00 ea.

SmartPocket™ V2 Power Meters

➤ Rugged meters measure optical power levels and loss in fiber networks in the field
➤ Use OLP-35V2 for MM or SM applications
➤ OLP-37XV2 selective PON meter for FTTx
➤ OLP-38V2 adds higher power, up to +26 dB

SPC No.	Part No. and PM Type	Price
345X652	OLP-35V2 Basic Broadband	$665.00 ea.
345X654	OLP-37XV2 G/XGS-PON	$1039.00 ea.
345X656	OLP-38V2 High Power BB	$765.00 ea.

VIAVI

SmartPocket™ Enterprise Plus Quad Optical Test Kit

➤ Quad test kit includes the OLS-36V2 light source and OLP-35V2 power meter for Enterprise LAN/WAN applications
➤ Rugged pocket-sized units are shock-resistant and splash-proof

SPC No.	Part No. and Description	Price
345X676	OMK-36V2 SmartPocket V2 Quad Optical Test Kit	$2839.00 ea.

JONARD TOOLS®

Fiber Optic Power Meters

➤ Measure absolute optical power and relative power loss
➤ Eight preset wavelengths from 850 to 1650 nm and 0.01 dB resolution
➤ Include FC, SC and LC adapters, cleaning swabs and nylon case
➤ FPM-55 adds data storage

SPC No.	Part No. and Description	Price
054X220	FPM-50A PM, -50 to +26 dBm	1-5, $259.95 ea.; 6-up, $246.95 ea.
054X255	FPM-55 PM, -50 to +26 dBm	1-5, $393.95 ea.; 6-up, $374.25 ea.
054X260	FPM-70 PM, -70 to +6 dBm	1-5, $264.95 ea.; 6-up, $251.70 ea.

JONARD TOOLS®

Passive Power Meters for BPON/EPON/GPON

➤ Perform live testing with OLT equipment on FTTx/PON
➤ Measure signal power of voice, data and video simultaneously
➤ Support 1310 nm upstream burst and 1490/1550 nm downstream measurements
➤ Include FC and SC connectors, mini USB cable and case

SPC No.	Part No. and Description	Price
054X232	PON-50 UPC Power Meter	1-5, $409.95 ea.; 6-up, $389.45 ea.
054X234	PON-55 APC Power Meter	1-5, $429.95 ea.; 6-up, $408.45 ea.

JONARD TOOLS®

Optical Light Sources

➤ Light sources feature highly stable output power, flush button design, shatter-resistant sleeve and backlit LCD screen
➤ SInglemode FLS-50 includes LC and SC adapters and has four modulated outputs at 1310 nm and 1550 nm
➤ Multimode/Singlemode FLS-55 includes FC, LC and SC adapters and has four modulated outputs at 850/1300 nm & 1310/1550 nm

SPC No.	Part No. and Description	Price
054X236	FLS-50 SM Light Source	1-5, $299.95 ea.; 6-up, $284.95 ea.
054X238	FLS-55 MM/SM Light Source	1-5, $629.95 ea.; 6-up, $598.45 ea.

JONARD TOOLS®

Singlemode Test Kit

➤ Kit contains the FPM-50A optical power meter (see top left) and the FLS-50 optical light source (see left)

SPC No.	Part No. and Description	Price
054X240	FPL-5050 Singlemode Test Kit	1-5, $554.95 ea.; 6-up, $527.20 ea.

FPL-5050 Tools List	
Singlemode Light Source, FC/LC/SC Adapters - PC/UPC Fiber Optic Power Meter FC/SC/LC for APC/PC/UPC FC, LC and SC Adapters 4 Cleaning Swabs	Nylon Carry Bag for Power Meter Protective Cover for Power Meter Storage Pouch for Light Source Rugged Carrying Case with Straps

SPC957 and SPC958 each come in a blow-molded case

SPCToolKits

SPC957 Singlemode Test Kit

➤ FLS-50 OLS measures singlemode fiber
➤ FPM-50A OPM measures from -50 to +26 dBm at eight wavelengths
➤ Pen-style VFL-150 is a laser-powered 650 nm visual fault finder

SPC No.	Description	Price
SPC957	Jonard Singlemode Test Kit	$767.00 ea.

SPC957 Tools List	
Singlemode Light Source, FC/LC/SC Adapters - PC/UPC Fiber Optic Power Meter FC/SC/LC for APC/PC/UPC	Visual Fault Locator Kit, VFL for 2.5mm and 1.25mm Medium Blow Molded Case (12.4" x 8.9" x 2.9")

SPC958 MM/SM Test Kit

➤ FPM-50A OPM measures from -50 to +26 dBm at eight wavelengths
➤ Use FLS-55 OLS for multimode and singlemode fiber measurements
➤ Pen-style VFL-150 is a laser-powered 650 nm visual fault finder

SPC No.	Description	Price
SPC958	Jonard Multimode/Singlemode Test Kit	$1099.00 ea.

SPC958 Tools List	
Multimode/Singlemode Light Source, FC/LC/SC Adapters - PC/UPC Fiber Optic Power Meter FC/SC/LC for APC/PC/UPC	Visual Fault Locator Kit, VFL for 2.5mm and 1.25mm Medium Blow Molded Case (12.4" x 8.9" x 2.9")

MULTIMODE SINGLEMODE

MULTIMODE

TECHLITE™ Military Grade LED/Laser Test Kit

➤ Precise measurements at 850/1300/1310/1550 nm wavelengths
➤ Rugged units with aluminum-housing and rubber bumpers
➤ Power meter has +3 to -55 dBm range and 0.01 dB resolution

SPC No.	Part No.	Description	Price
675X655	PX-D110M	MM/SM Test Kit	1-2, $4848.67 ea.; 3-up, $4751.69 ea.
675X605	PX-B220M	Quad Meter	1-2, $1096.30 ea.; 3-up, $1074.37 ea.
675X620	PX-C202M	LED Light Source	1-2, $1203.85 ea.; 3-up, $1179.77 ea.
675X635	PX-C205M	Laser Source	1-2, $1921.11 ea.; 3-up, $1882.69 ea.

TECHLITE™ Professional Grade LED Test Kit

➤ Perform precise optical testing with this multimode test kit
➤ Determine optical power level emitted from a transmitter
➤ Perform fiber loss measurements and splice tuning operations

SPC No.	Part No.	Description	Price
675X650	PX-D102N	MM Test Kit	1-2, $2009.78 ea.; 3-up, $1969.58 ea.
675X675	PX-D510	MM/SM Test Kit	1-2, $1644.44 ea.; 3-up, $1611.56 ea.
675X610	PX-B220N	Quad Meter	1-2, $1096.30 ea.; 3-up, $1074.37 ea.
675X620	PX-C202M	LED Source	1-2, $1203.85 ea.; 3-up, $1179.77 ea.

TECHLITE™ Series Adapter Caps

➤ Compatible with most ⅞"-28 ports
➤ Caps offer long life and excellent dimensional stability
➤ Aluminum body is weighted for easy spin and split knurl grips easily

SPC No.	Part No.	Connector Type	Price
675X680	PX-E102	ST Connector	1-9, $48.15 ea.; 10-up, $47.19 ea.
675X685	PX-E104	FC Connector	1-9, $48.15 ea.; 10-up, $47.19 ea.
675X690	PX-E105	SC Connector	1-9, $62.59 ea.; 10-up, $61.34 ea.
675X695	PX-E109	2.5-mm Connector	1-9, $48.15 ea.; 10-up, $47.19 ea.
675X700	PX-E112	LC Connector	1-9, $81.85 ea.; 10-up, $80.21 ea.

MultiFiber™ Pro Multimode/Singlemode MPO Test Kits

➤ Test MM/SM MPO trunks for power loss and correct end-to-end connectivity with built-in polarity verification
➤ Automatically scan all 12 fibers in a single connector
➤ Display results in a bar graph or drill down to single fiber test results

SPC No.	Part No. and Description	Price
044X564	MFTK1200, 850 nm Multimode Kit	$14094.99 ea.
044X458	MFTK-SM1550, 1550 nm Singlemode Kit	$19754.99 ea.
044X452	MFTK-MM850-SM1310, MM/1310 nm SM Kit	$25173.99 ea.
044X454	MFTK-MM850-SM1550, MM/1550 nm SM Kit	$25173.99 ea.

MULTIMODE SINGLEMODE

TEMPO COMMUNICATIONS

MULTIMODE | SINGLEMODE

Stabilized Light Source and Optical Power Meter Test Kits

➤ Rugged units interface to all industry standard connectors
➤ Dual laser light sources tone at 270 Hz, 1 kHz and 2 kHz
➤ Optical power meters have calibrated wavelengths of 850 nm, 1300 nm, 1310 nm, 1490 nm, 1550 nm and 1625 nm

SPC No.	Part No. and Description	Price
470X670	MM DUAL KIT MM Dual Kit	$1272.12 ea.
470X675	SM DUAL KIT SM Telco Dual Kit	$1607.80 ea.
470X680	SM DUAL KIT HP SM MSO Dual Kit	$1564.31 ea.
470X685	SMMMKIT-T SM/MM Telco Kit	$2418.07 ea.
470X690	SMMMKIT-M SM/MM MSO Kit	$2335.99 ea.

Kit Contents
MM Dual Kit: OPM510 InGaAs OPM (+10 to -65 dBm), SLS525 850/1300nm Dual LED
SM Dual Kit: OPM510 InGaAs OPM (+10 to -65 dBm), SLS520 1310/1550nm Dual Laser
SM Dual Kit HP: OPM520 InGaAs OPM (+27 to -50 dBm), SLS520 1310/1550nm Dual Laser
SMMMKIT-T: OPM510 InGaAs OPM (+10 to -65 dBm), SLS520 1310/1550nm Dual Laser, SLS525 850/1300nm Dual LED
SMMMKIT-M: OPM520 InGaAs OPM (+27 to -50 dBm), SLS520 1310/1550nm Dual Laser, SLS525 850/1300nm Dual LED
All kits include one CC-2-3 carry case that is capable of holding up to three instruments.

OLS and OPM Adapters

	SPC No.	Part No.	Connector	Price
	470X650	LC-OPM	LC for Optical Power Meters	$105.83 ea.
	470X652	SC-OPM	SC for Optical Power Meters	$105.83 ea.
	470X654	ST-OPM	ST for Optical Power Meters	$105.83 ea.
	470X656	FC-OPM	FC for Optical Power Meters	$105.83 ea.
	470X661	LC-SOURCE	LC for Light Sources	$125.68 ea.
	470X663	SC-SOURCE	SC for Light Sources	$125.68 ea.
	470X665	ST-SOURCE	ST for Light Sources	$125.68 ea.
	470X667	FC-SOURCE	FC for Light Sources	$125.68 ea.

TEMPO COMMUNICATIONS

Optical Wavelength Splitters

➤ Measure specific channel wavelengths in NGPON2 systems separated with typical loss >0.1 dB
➤ OWS202 at 1490 nm and 1577 nm

SPC No.	Part No.	Price
470X674	OWS202	$420.00 ea.

VIAVI

Network and Service Companion Testers

➤ Units combine active Ethernet and WiFi testing, enabling service activation and troubleshooting on all network layers
➤ Ethernet testing up to Layer 4 (TCP/UDP)
➤ Use the NSC-100 model for enterprise ethernet testing and the NSC-200 for residential and small business testing
➤ NSC-200 testers simplify closeout test process and analysis with one-button one-screen result tests in under a minute
➤ Use the Ookla Speedtest for higher-speed testing with the NSC-200

Features a protective rubber case, 2.4 and 5 Ghz 3x3 WiFI antenna, and four ports (SFP+ optical, 10/100/1000 Mbps Ethernet, USB 3.0 and USB-C charge)

Power indicator displays battery status and Pair indicator shows Bluetooth radio status

SPC No.	Part No. and Description	Price
345X620	NSC100-GPON-PRO Test Kit w/ GPON, Ethernet, WiFi, Speedtest	$2105.00 ea.
345X635	NSC100-PLATINUM-10G 10G Test Kit w/ GPON, Ethernet, WiFi, Speedtest	$3645.00 ea.
345X640	NSC200-HOME-PRO Test Kit w/ Ethernet, WiFi, Speedtest	$1949.00 ea.
345X645	NSC200-PLATINUM-10G 10G Test Kit w/ GPON, Ethernet, WiFi, Speedtest	$4115.00 ea.
345X651	NSC-SPEEDTEST-10G Ookla Speedtest	$955.00 ea.

Power Meters

Bluetooth connectivity

Data storage of 1000 test results

Compact and robust IP54 rated unit

Fast boot-up

EXFO

Optical Power Expert

➤ Measure absolute signal power (dBM) or insertion loss (dB)
➤ Pass/fail status, tone detection, 11 or 45 calibrated wavelengths
➤ PRO adds integrated VFL, auto wavelength recognition/switching
➤ Use with all telecom networks like 5G, FTTx, LAN/WAN and CATV
➤ Trace fiber, use for PON plus CWDM and DWDM ITU channels

SPC No.	Part No.	Description	Price
880X714	PX1-S-FOAS-U25	Standard Expert	$705.00 ea.
880X702	PX1-H-FOAS-U25	High-Power Expert	$765.00 ea.
880X723	PX1-S-PRO-FOAS-U25	PRO Expert	$985.00 ea.
880X705	PX1-H-PRO-FOAS-U25	High-Power PRO Expert	$1035.00 ea.
880X278	GP-2295	Rechargeable Battery	$88.00 ea.
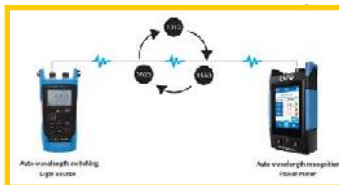
Connector Adapters for Optical Power Expert Power Meters

	SPC No.	Part No. and Conn. Type	Price		SPC No.	Part No. and Conn. Type	Price		SPC No.	Part No. and Conn. Type	Price
	880X731	FOAS-22 FC	$50.00 ea.		**880X733**	FOAS-54 SC	$50.00 ea.		**880X736**	FOAS-U12 1.25-mm	$39.00 ea.
	880X732	FOAS-32 ST	$50.00 ea.		**880X734**	FOAS-98 LC	$50.00 ea.		**880X738**	FOAS-U25 2.5-mm	$39.00 ea.

EXFO

Micro Optical Power Checkers

➤ Use alone or connected to a Smart device via Bluetooth®
➤ Calibrated wavelengths of 850/980/ 1300/1310/1490/1550/1625 nm

SPC No.	Part No.	Description	Price
880X469	MPC-103	Power Checker, +10 to -60 dBM	$500.00 ea.
880X492	MPC-103X	High-Power Power Checker, +23 to -45 dBM	$555.00 ea.
880X357	GP-2224	Belt Holster for Inspection Probes	$97.00 ea.

Micro USB port on one end and 2.5 mm optical port on the other

Miniature USB Optical Power Meter

VIAVI

➤ Measure optical power with a USB 2.0 connection to a PC
➤ Use with FiberCheck2 software
➤ Has 2.5 mm and 1.25 mm interfaces

SPC No.	Part No.	Price
345X616	MP-60A	$409.00 ea.

AFL

2.4" color touchscreen

Bend Insensitive Optical Fiber Identifiers

➤ Detects traffic on standard and insensitive SM and MM fibers
➤ Integrated OPM for power level verification
➤ Enhanced OFI adds up to four tone detection

SPC No.	Part No. and Description	Price
812X426	OFI-BIPM Fiber Identifier	$2290.00 ea.
812X405	OFI-BIPMe Enhanced OFI	$1795.00 ea.

AFL

OFI-400 adds a backlit LCD

Detect 800 to 1700 nm wavelength signals and modulated test tone

Identify fiber and designate direction of traffic

Optical Fiber Identifiers

➤ Two-position head for 2-mm/3-mm jacketed fiber and 250-µm/900-µm coated fiber
➤ OFI-400 adds multiple test tone detection and relative core power
➤ 400C optimized for 2- and 3-mm SM fibers

SPC No.	Part No. and Description	Price
812X395	OFI-200D OFI	$950.00 ea.
812X410	OFI-400 Multiple Tone OFI	$1290.00 ea.
812X412	OFI-400C Jacketed Fiber OFI	$1185.00 ea.
812X416	OFI-400HP High Power OFI	$1395.00 ea.

JONARD TOOLS

Includes 2.0/3.0 mm and 250/900 nm reversible adapter

Advanced Optical Fiber Identifier

➤ Built-in power meter and VFL
➤ Measures power from -50 to +26 dBm
➤ Audible warning at 270 Hz, 1 KHz and 2 KHz

SPC No.	Part No. & Desc.	Price
054X605	OFI-100 Fiber Indentifier	
	1-5, $699.95 ea.; 6-up, $664.95 ea.	

JONARD TOOLS

Includes 3 mm, 2 mm, 900 nm & 250 nm adapters plus sunshade

Optical Fiber Identifier

➤ Identify direction of transmitted fiber
➤ Display relative core power
➤ Identify frequency tones of 270 Hz, 1 KHz and 2 KHz

SPC No.	Part No.	Price
054X601	OFI-50	$559.95 ea.

Core power reading display

EXFO

Live Fiber Detectors

➤ Check signal presence, perform continuity tests, verify cable labeling in SM fiber
➤ LFD-202 power range is 0 to -40 dB
➤ LFD-202E extended range is +23 to -50 dB
➤ Three interchangeable heads

SPC No.	Part No.	Price
880X202	LFD-202	$1975.00 ea.
880X204	LFD-202E	$2490.00 ea.

VIAVI

Remove LFI head to convert to OPM

Live Fiber Identifier w/ Integrated OPM

➤ Use on 250 µm to 3 mm jacketed fibers
➤ Detects tones of 270 Hz, 300 Hz, 1 kHz and 2 kHz
➤ Store, recall and download data via a USB

SPC No.	Part No.	Price
345X415	FI-60	$869.00 ea.

FLUKE networks

FiberLert™ Live Fiber Detector

➤ Fiber troubleshooter verifies fiber activity, polarity and connectivity
➤ Tests SM, MM, UPC and APC ports and patch cords
➤ Non-contact detection range is from +3 dBm to -30 dBm

SPC No.	Part No.	Price
044X171	FIBERLERT-125	$125.44 ea.

EXFO

Fiber-Finder™ Kit

➤ Kit combines a live fiber identifier plus 270 Hz, 1 KHz and 2 KHz tone generator
➤ Works as a triple test tool – fiber identifier, live fiber detector and dark fiber identifier

SPC No.	Part No. and Description	Price
880X805	TK-FF Fiber Finder Kit	$6765.00 ea.
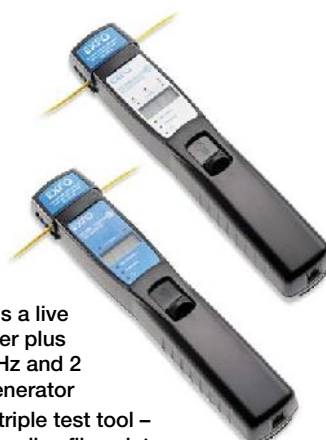
VFLs

VisiFault™ Visual Fault Locator
➤ Locate far end of cable and tight cable bends
➤ Continuous and flashing modes
➤ Verify continuity and polarity, find fibers and breaks

SPC No.	Part No. and Description	Price
044X891	VisiFault Visual Fault Locator	$500.83 ea.
044X666	NF380 Universal 1.25-mm Adapter	$143.78 ea.

Pocket-Size Visual Fault Locators
➤ Identify fibers and locate connector endfaces
➤ Pinpoint breaks, bends and other signal loss causes
➤ Typical wavelength of 635 nm or 655 nm

SPC No.	Part No. and Description	Price
880X700	FLS-241-UNIV Pocket Pal, 2.5 mm	$435.00 ea.
880X696	FLS-140 Visual Fault Locator, 2.5 mm	$245.00 ea.
880X770	GP-1008 1.25-mm Adapter Cap	$170.00 ea.

Visual Fault Locators
➤ 650-nm laser finds sharp bends and breaks
➤ Locate loss points in patch cords, panels and enclosures
➤ VFL-640 for LC/MU and VFL-680 for FC/ST/SC connectors

SPC No.	Part No. and Description	Price
686X875	VFL-640 Visual Fault Locator, 1.25 mm	$129.00 ea.
686X901	VFL-680 Visual Fault Locator, 2.5 mm	$129.00 ea.

VF14 Visual Fault Identifiers
➤ High-power VF14 has 650-nm visible red laser source and output power of 5 mW with 10 km range
➤ Low-power VF14-L has output power of 1 mW with 4 km range and 2.5 mm adapter
➤ Universal connector interface for quick connections in the field

SPC No.	Part No. and Description	Price
812X252	VF14-01-0900PR High Power VFI4, 2.5 mm & 1.25 mm	$149.00 ea.
812X254	VF14-02-0900PR Low Power VFI4-L, 2.5 mm Adapter	$149.00 ea.

Wilcom

Pen-Style Visual Fault Locator
➤ 650 nm laser output illuminates to 8 km
➤ Continuous or modulated output
➤ Verify continuity and check patch cable validity

SPC No.	Part No. and Description	Price
751X330	F6230A Visual Fault Locator	$300.00 ea.
751X890	30032232-01 1.25-mm Adapter	$100.00 ea.

Compact Visual Fault Locator
➤ 2.5-mm interface for ST, SC and FC connectors
➤ Pinpoint damaged, broken or bent fibers
➤ Verify continuity and identify fibers

SPC No.	Part No. and Description	Price
718X258	FFL-050 Visual Fault Locator	$179.00 ea.
718X259	FFL-050-U12 1.25-mm Adapter	$42.35 ea.

Kit includes a VFL and VFL-25125 1.25-mm adapter

Visual Fault Locator Kit
➤ Perform fiber tracing, routing, and continuity testing
➤ Pen-style VFL have 650 nm laser source
➤ VFL is available separately or in a kit with an adapter

SPC No.	Part No./Description	Price
054X802	VFL-25 VFL	$127.95 ea.
054X800	VFL-150 Kit	1-5, $172.95 ea.; 6-up, $164.30 ea.
054X805	VFL-25125 Adapter	1-5, $57.95 ea.; 6-up, $55.05 ea.

Kit includes a VFL and VFL-25125 1.25-mm adapter

Rugged Visual Fault Locator Kit
➤ Pen-style VFL has 650 nm laser source
➤ Perform fiber tracing, routing, and continuity testing
➤ Rotatable sleeve protects power/mode switch button

SPC No.	Part No./Description	Price
054X790	VFL-300 Rugged Kit	$209.95 ea.
054X805	VFL-25125 Adapter	1-5, $57.95 ea.; 6-up, $55.05 ea.

Evaluating End-Face Conditions with Fiber Inspection Microscopes

Contamination and damage are the two common causes of loss, as light leaves one end-face and enters another inside an adapter. Contamination comes from dust and small static-charged particles in the air, body oils, and buffer gels. Inspection of the end-face should verify that no contaminants are within the field of view, most crucially on the core of the fiber, followed by the cladding, then outside of the end-face, as contaminations here can slide towards the core during mating or handling. Damage appears as scratch, pits, cracks or chips. Damage must be evaluated to determine the remedy. Chips on the core are unacceptable, scratches or epoxy bleeds can be eliminated with polishing, and shattered or cracked end-faces need to be re-terminated.

Infrared density filter helps prevent eye damage

Rubber boot for slip-resistant grip

FIBER XP

ON/OFF Button

Adapter

FIBER XP

Eyepiece

ON/OFF Illumination Selector Switch

Fiber Optic Microscope

➤ 400X magnification to inspect 2.5-mm patch cords used with FC, SC and ST connectors

➤ Combines 475-µm field of view and coaxial illumination

SPC No.	Part No.	Description	Price
907X104	C-400	Inspection Microscope, 400X	$125.00 ea.
907X112	C-U125	1.25-mm Universal Adapter for LC/MU	$15.00 ea.

Dual-Illumination Optical Microscope

➤ Two switchable LEDs for illumination and magnification of 200X to inspect 2.5-mm patch cords with FC, SC and ST connectors

➤ Features manual focus and IR laser attenuation filter for eye safety

SPC No.	Part No.	Description	Price
907X120	DI-200	FO Inspection Microscope, 200X	$110.00 ea.
907X125	DI-U125	1.25-mm Universal Adapter for LC/MU	$14.75 ea.

VIAVI

AutoChannel™ gives instantaneous channel lineup detection

OneCheck dashboard simplifies identification of RF issues

ONX-220 OneExpert DSP Installation Service Meters

➤ Verify high speed DOCSIS service activation and performance

➤ With one-step simple Ookla speed testing

➤ All three kits verify RF layers and validate DOCSIS connectivity

➤ PLUS kit adds verification of DOCSIS performance, throughput and packet quality

➤ PRO kit adds advanced troubleshooting features such as DQI, Level, MER and BER over time

SPC No.	Part No.	Description	Price
345X670	ONX-220-65-204-D31-BASE	OneExpert BASE Kit	$1795.00 ea.
345X675	ONX-220-65-204-D31-PLUS	OneExpert PLUS Kit w/ DOCSIS Verification	$2105.00 ea.
345X680	ONX-220-65-204-D31-PRO	OneExpert PRO Kitv w/ Advanced Features	$2415.00 ea.

EX10 Multigigabit Ethernet Testers

➤ Validate bandwidth speeds up to full line rate 10 Gigabit Ethernet including GPON and XGS-PON

➤ Test residential WiFi 6E to monitor quality of experience (QoE)

➤ Speedtest by Ookla over electrical/optical Ethernet and WiFi

➤ PRO adds 10G Smart Loopback for Ethernet business services

SPC No.	Part No./Description	Price
880X100	EX10 Tester	$2570.00 ea.
880X105	EX10-PRO Tester	$3520.00 ea.

EXFO

EX1 Gigabit Ethernet Tester

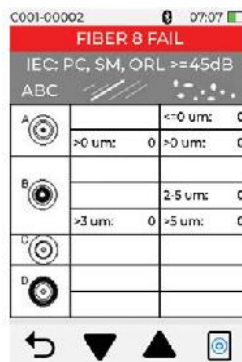➤ Pocket-sized tester tests residential WiFi to 2.4 GHz and 5.0 GHz

➤ Has simple one-step Ookla speed testing and "un-teathered" use

➤ Emulates GPON ONT plus supports VLAN and PPPoE

➤ Controlled via smart devices for mobility, reporting and sharing

SPC No.	Part No./Description	Price
880X340	EX1 Tester w/Battery	$1370.00 ea.
880X272	GP-2268 Battery	$45.00 ea.

Inspection

Supports inspection of SC, FC, LC, E2000, OptiTip OptiTap and MTP/MPO connectors

AFL

Built-in pass/fail analysis to IEC 61300-3-35, IPC or user set criteria

FOCIS Flex Connector Inspection System

➤ Self-contained and tether-free fiber connection inspection probe

➤ Unit will auto-focus, capture and center end-face image, apply pass/fail rules, display and wirelessly transfer image and results in a matter of seconds

SPC No.	Part No. and Description	Price
812X150	FOCIS-FLX-P4XN Connector Inspection System	$2240.00 ea.
812X919	FOCIS-FLX-NW-P4XN Non-Wireless Inspection System	$2240.00 ea.
812X157	FOCIS-FLX-P4XU-US-LC Inspection Kit, LC/UPC	$2330.00 ea.
812X161	FOCIS-FLX-P4XU-US-SC Inspection Kit, SC/UPC	$2330.00 ea.
812X936	FOCIS-FLX-NW-P4XA Non-Wireless Kit, SC/APC	$2440.00 ea.

FOCIS Series Probes Single Fiber Adapter Tips

	Stock No.	Part No.	Adapter Tip Type	Price Ea.
	812X319	FFLX-01-SC	SC/UPC Bulkhead	$110.00
	812X317	FFLX-01-FC	FC/UPC Bulkhead	$110.00
	812X321	FFLX-01-ST	ST/UPC Bulkhead	$110.00
	812X318	FFLX-01-LC	LC/UPC Bulkhead	$110.00
	812X325	FFLX-01-U25	Universal 2.5 mm UPC Ferrule	$110.00
	812X323	FFLX-01-U125	Universal 1.25 mm UPC Ferrule	$110.00
	812X376	FFLX-4S-ASC	SC/APC Bulkhead Quad-Slotted	$110.00
	812X372	FFLX-4S-AFC	FC/APC Bulkhead Quad-Slotted	$110.00
	812X313	FFLX-01-A25	Universal 2.5 mm APC Ferrule	$110.00
	812X312	FFLX-01-A125	Universal 1.25 mm APC Ferrule	$110.00

AFL

Auto-focus and auto-centering for fast, easy inspection

Captures the entire MPO end-face image in >2 seconds from power-on

FOCIS Lightning2 MPO Inspection System

➤ Inspect multi-fiber connectors and bulkheads like MPO and MTP® including multi-row varieties

➤ Store 10K images or share via USB or Bluetooth for easy reporting and archiving

FOCIS Lightning2 Connector Inspection Kits are available in many configurations and include a soft case, adapter tips, cleaners and AC adapter.

SPC No.	Part No.	Description	Price
812X942	FOCIS-LT2-N	MPO Probe, No Tips/Cleaners	$4090.00 ea.
812X954	FOCIS-LT2-U	Probe UPC w/2 MPO Cleaners	$4395.00 ea.
812X940	FOCIS-LT2-A	Probe APC w/2 MPO Cleaners	$4295.00 ea.
812X956	FOCIS-LT-2-UA	Probe UPC/APC w/2 Cleaners	$4595.00 ea.
812X958	FOCIS-LT2-UASF	Probe w/Tips, Cleaners, SF Adapter	$4745.00 ea.
812X946	FOCIS-LT2-NW-N	Non-Wireless MPO Probe	$4090.00 ea.
812X948	FOCIS-LT2-NW-U	NW Probe UPC w/2 MPO Cleaners	$4395.00 ea.
812X944	FOCIS-LT2-NW-A	NW Probe APC w/2 MPO Cleaners	$4295.00 ea.
812X950	FOCIS-LT2-NW-UA	NW Probe UPC/APC w/2 Cleaners	$4595.00 ea.
812X952	FOCIS-NW-UASF	NW Probe w/Tips, Cleaners, SF	$4730.00 ea.

EXFO

WiFi and wired connector inspection tool with embedded analysis and five megapixel image capturing

TK-MAX-FIP Intelligent Fiber Inspection Probe Kit

➤ Automated connector and fiber certification

➤ On-board connector endface analysis

➤ TK-MAX-FIP features 7" touchscreen, 2 GB of memory, up to 1GB RJ45 and USB 2.0 interfaces

SPC No.	Part No. and Description	Price
880X893	TK-MAX-FIP-VP2X-FOA-54-FIP-430B-APC w/PM & VFL	$4345.00 ea.
880X476	GP-2177 Hands Free Utility Bag	$97.00 ea.
880X478	GP-2179 Over-the-Shoulders Utility Glove Harness	$34.00 ea.

EXFO

FIP-500 Fiber Inspection Scope

➤ Automated inspection of single-fiber, multi-fiber and duplex connectors

➤ Compatible with legacy FIPT

➤ Supports MPO up to 4 rows of 8/12/16 fibers with the same tip

➤ High-quality touchscreen, WiFi and Bluetooth® connectivity

SPC No.	Part No.	Description	Price
880X420	FIP-500-KIT-1	MPO UPC Inspection Scope	$5740.00 ea.
880X422	FIP-500-KIT-2	MPO APC Inspection Scope	$5740.00 ea.
880X426	FIP-500-KIT-3	MPO UPC and APC Scope	$6015.00 ea.

EXFO

Optional Tips for EXFO Video Inspection Probes

SPC No.	Part No. and Description	Price
880X949	FIPT-400-FC-APC, FC/APC Bulkhead Adapter Tip	$155.00 ea.
880X393	FIPT-400-FC-SC, FC-SC/UPC Bulkhead Adapter Tip	$90.00 ea.
880X379	FIPT-400-LC-APC, LC/APC Bulkhead Adapter Tip	$135.00 ea.
880X374	FIPT-400-LC-SQ, LC/UPC Bulkhead Adapter Tip	$90.00 ea.
880X387	FIPT-400-LC-L, Extended LC/UPC Tip	$450.00 ea.
880X377	FIPT-400-LC-L-137, Extended LC/PC Bulkhead Tip	$575.00 ea.
880X391	FIPT-400-SC-APC, SC/APC Bulkhead Adapter Tip	$125.00 ea.
880X950	FIPT-400-SC-L, SC/PC Bulkhead Adapter Tip	$515.00 ea.
880X398	FIPT-400-ST, ST/UPC Bulkhead Adapter Tip	$90.00 ea.
880X376	FIPT-400-U12M, 1.25 mm UPC Patch Cord Tip	$90.00 ea.
880X381	FIPT-400-U12MA, 1.25 mm APC Patch Cord Tip	$135.00 ea.
880X948	FIPT-400-U16M, 1.6 mm Patch Cord Tip	$265.00 ea.
880X936	FIPT-400-U20M2, 2.0 mm Patch Cord Tip	$90.00 ea.
880X402	FIPT-400-U25M, 2.5 mm UPC Patch Cord Tip	$90.00 ea.
880X383	FIPT-400-U25MA, 2.5 mm APC Patch Cord Tip	$125.00 ea.
880X380	FIPT-400-LC-D, LC/UPC Duplex Patchcord Tip	$230.00 ea.
880X363	FIPT-400-ADAPTER, Westover Probe Adapter Tip	$300.00 ea.
880X386	FIPT-400-MF-MPO, FIP Auto MF Tip MPO/UPC	$1310.00 ea.
880X416	FIPT-400-NZ-MPO, Auto MF Tip MPO/UPC	$290.00 ea.
880X401	FIPT-400-MTP2, MTP/UPC Probe Tip	$1030.00 ea.
880X410	FIPT-400-MTP-MTRA, MTP/MPO APC Adapter Tip	$1470.00 ea.
880X212	FIPT-400-LC-K-UPC, LC/UPC Tip Kit	$170.00 ea.
880X214	FIPT-400-LC-K-APC, LC/APC Tip Kit	$250.00 ea.
880X375	FIPT-400-LC-KIT, LC/APC and UPC Adapter Tip Kit	$425.00 ea.
880X388	FIPT-400-SCA-K, 2.5 mm SC/APC Tip Kit	$230.00 ea.

Multifiber Inspection Probe

➤ Inspect and assess MPO dense panel

➤ Use with your smart device

SPC No.	Part No. and Description	Price
880X372	FIP-435B-FIPT-400-MF-MPO-UPC Probe & Tip	$4590.00 ea.
880X370	FIPT-400-MF-MPO-K Inspection Tip Kit	$1395.00 ea.

Five-megapixel CMOS USB-wired FIP-430B captures digital images.

Wireless FIP-435B Wi-FI inspection tool with embedded analysis, is self-powered and offers screenless pass/fail operation.

FIP-400B Series Fiber Inspection Probes

➤ One-step inspection with digital video inspection probes

➤ Feature image capture and three levels of magnification with auto-pass/fail analysis, auto-center and auto-focus

SPC No.	Part No.	Description	Price
880X397	FIP-410B-UPC	UPC Probe	$1490.00 ea.
880X365	FIP-410B-APC	APC Probe	$1490.00 ea.
880X399	FIP-420B-UPC	UPC Analysis Probe	$2180.00 ea.
880X405	FIP-420B-APC	APC Analysis Probe	$2180.00 ea.
880X411	FIP-430B-UPC	UPC Auto-Focus Analysis Probe	$2845.00 ea.
880X408	FIP-430B-APC	APC Auto-Focus Analysis Probe	$2845.00 ea.
880X489	FIP-435B-UPC	UPC Wireless Probe	$3280.00 ea.
880X487	FIP-435B-APC	APC Wireless Probe	$3280.00 ea.
880X268	GP-2226	Rechargeable Battery	$97.00 ea.

Inspection

P5000i Digital Analysis Microscope

➤ Auto inspection and certification of fiber end faces
➤ Push button pass/fail analysis
➤ 200X/400X dual magnification in live and analysis views
➤ USB connects to T-BERD®, laptops, PCs and Android™ devices

SPC No.	Part No.	Description	Price
345X446	FBP-P5000i	Digital Microscope	$1545.00 ea.
718X234	FBP-SD101	Digital Microscope Kit w/Tips	$1649.00 ea.

VIAVI

FiberChek™ Probe Microscope Kit

➤ All-in-one inspection solution
➤ Features integrated touch screen, live fiber viewing, auto-center, auto-focus and automated analysis of fiber end-faces

SPC No.	Part No. and Description	Price
345X434	FIT-FC-KIT-3 FiberChek Probe Kit 3	$3715.00 ea.

FBPT Series Tips for P5000i Digital Analysis Microscope and FiberChek Probe Microscope

	Stock No.	Part No.	Adapter Tip Type	Price Ea.
	718X220	FBPT-FC	FC/UPC Bulkhead	$85.00
	718X224	FBPT-LC	LC/UPC Bulkhead	$85.00
	718X246	FBPT-MTPA-L	MTP/APC Long Reach Bulkhead	$1179.00
	718X230	FBPT-SC	SC/UPC Bulkhead	$59.00
	718X229	FBPT-SC-APC	SC/APC Bulkhead	$119.00

	Stock No.	Part No.	Adapter Tip Type	Price Ea.
	718X235	FBPT-ST	ST/UPC Bulkhead	$85.00
	718X240	FBPT-U12M	Universal UPC 1.25 mm Patchcord	$85.00
	718X010	FBPT-U12MA-SF	Universal APC 1.25 mm Patchcord	$129.00
	718X245	FBPT-U25M	Universal UPC 2.5 mm Patchcord	$85.00
	718X247	FBPT-U25MA	Universal APC 2.5 mm Patchcord	$95.00

VIAVI

SmartClass™ Fiber Power Meter & Microscope Kits

➤ Auto pass/fail analysis with P5000i probe
➤ Integrated connector certification reporting
➤ On-board storage of endface images and inspection analysis

SPC No.	Part No.	Description	Price
345X440	FBP-SD4i	HD4i Basic Kit	$1955.00 ea.
345X448	FBP-SD4i-Pro	HD4i Pro Kit	$2265.00 ea.
345X442	FBP-SD4iP	HD4iP Basic Kit	$2265.00 ea.
345X444	FBP-SD4iP-Pro	HD4iP Pro Kit	$2575.00 ea.
345X402	FIT-8201	OLP-82 Basic Kit	$2165.00 ea.
345X252	FIT-8201-Pro	OLP-82 Pro Kit	$2469.00 ea.
345X406	FIT-82P01	OLP-82P Basic Kit	$2469.00 ea.
345X257	FIT-82P01-Pro	OLP-82P Pro Kit	$2779.00 ea.

Digital handheld video display with 3.5" color touch screen

Connect probe via USB and change views with toggle button

Viavi SmartClass Series Feature Comparison								
	345X440	345X448	345X442	345X444	345X402	345X252	345X406	345X257
Model Number	FBP-SD4i	FBP-SD4i-Pro	FBP-SD4iP	FBP-SD4iP-Pro	FIT-8201	FIT-8201-Pro	FIT-82P01	FIT-82P01-Pro
Kit Type	Basic	Pro	Basic	Pro	Basic	Pro	Basic	Pro
Digital Video Display	HD4i	HD4i	HD4iP	HD4iP	OLP-82	OLP-82	OLP-82P	OLP-82P
Integrated Optical Power Meter					✔	✔	✔	✔
Dual-Mag Patch Cord Module			✔	✔			✔	✔
P5000i Digital Microscope	✔	✔	✔	✔	✔	✔	✔	✔
Software/Inspection Tips/Adapters	✔	✔	✔	✔	✔	✔	✔	✔
Li-ion Rechargeable Battery		✔		✔		✔		✔
FFL-050 Visual Fault Locator		✔		✔		✔		✔
Cleaning Materials		✔		✔		✔		✔

FIBER **XP**®

Fiber Connector Adapters

➤ Adapters provide a cable to cable fiber connection for singlemode and multimode applications in both duplex and simplex styles
➤ Ceramic sleeved singlemode adapters have <0.2 dB insertion loss

➤ Multimode adapters with metal sleeves have <0.3 dB insertion loss
➤ Corning 740 series adapters offer superior performance for up to 500 matings and feature a duplex push-pull design

Singlemode Simplex Adapters

	Stock No.	Description	Price, 1-49	Price, 50-up
	682X804	SM Adapter, ST-ST	$2.11 ea.	$1.79 ea.
	682X864	SM Adapter, SC-SC	$2.11 ea.	$1.79 ea.
	682X824	SM Adapter, LC-LC	$4.08 ea.	$3.47 ea.
	682X844	SM Adapter, FC-FC	$2.90 ea.	$2.46 ea.
	682X832	SM Adapter, LC-SC, M-F	$49.21 ea.	$41.83 ea.
	682X834	SM Adapter, SC-LC, M-F	$42.97 ea.	$36.52 ea.
	682X836	SM Adapter, SC-LC, F-F	$41.24 ea.	$35.06 ea.
	682X838	SM Adapter, FC-LC, M-F	$51.52 ea.	$43.79 ea.
	682X854	SM Adapter, FC-ST	$3.94 ea.	$3.35 ea.
	682X872	SM Adapter, SC-ST	$2.53 ea.	$2.15 ea.
	682X876	SM Adapter, SC-FC	$2.53 ea.	$2.15 ea.
	682X840	SM Adapter, ST-LC, F-F	$34.73 ea.	$29.52 ea.

Singlemode Simplex APC Adapters

	Stock No.	Description	Price, 1-49	Price, 50-up
	682X826	SM Adapter, LC/APC-LC/APC	$4.64 ea.	$3.94 ea.
	682X846	SM Adapter, FC/APC-FC/APC	$3.09 ea.	$2.63 ea.
	682X866	SM Adapter, SC/APC-SC/APC	$2.76 ea.	$2.34 ea.
	682X856	SM Adapter, FC/APC-SC/APC	$3.38 ea.	$2.87 ea.

Corning 740 Series Duplex Fiber Adapters

Singlemode Duplex Adapters

	Stock No.	Description	Price, 1-49	Price, 50-up
	745X030	740-0083-006-B LC/APC SM Adapter	$3.21 ea.	$3.13 ea.
	745X038	740-0343-004-B SC/APC SM Adapter	$3.63 ea.	$3.54 ea.
	745X040	740-0345-004-B SC/PC SM Adapter	$4.78 ea.	$4.66 ea.

Multimode Simplex Adapters

	Stock No.	Description	Price, 1-49	Price, 50-up
	682X802	MM Adapter, ST-ST	$0.96 ea.	$0.81 ea.
	682X862	MM Adapter, SC-SC	$1.18 ea.	$1.00 ea.
	682X822	MM Adapter, LC-LC	$2.95 ea.	$2.51 ea.
	682X842	MM Adapter, FC-FC	$2.14 ea.	$1.82 ea.
	682X812	MM Adapter, ST-SC	$2.11 ea.	$1.79 ea.
	682X852	MM Adapter, FC-ST	$2.59 ea.	$2.20 ea.
	682X878	MM Adapter, SC-FC	$2.11 ea.	$1.79 ea.
	682X882	MM Adapter, MTRJ-MTRJ	$2.45 ea.	$2.08 ea.

Multimode Simplex MPO Adapters

	Stock No.	Description	Price, 1-49	Price, 50-up
	682X027	Univ. Std. MPO Full Flange	$8.00 ea.	$6.80 ea.

Singlemode & Multimode Duplex Adapters

	Stock No.	Description	Price, 1-49	Price, 50-up
	682X015	SM Adapter, SC-SC	$3.23 ea.	$2.75 ea.
	682X012	SM Adapter, ST-ST	$3.23 ea.	$2.75 ea.
	682X011	MM Adapter, ST-ST	$1.74 ea.	$1.48 ea.
	682X830	SM Adapter, LC-LC	$5.34 ea.	$4.54 ea.
	682X828	MM Adapter, LC-LC	$4.36 ea.	$3.71 ea.

Multimode Duplex Adapters

	Stock No.	Description	Price, 1-49	Price, 50-up
	745X026	740-0077-006-B LC/PC MM Adapter	$2.54 ea.	$2.47 ea.
	745X028	740-007A-006-B LC/PC MM Adapter	$2.54 ea.	$2.47 ea.
	745X034	740-0337-004-B SC/PC MM Adapter	$4.63 ea.	$4.51 ea.
	745X036	740-033A-004-B SC/PC MM Adapter	$4.63 ea.	$4.51 ea.
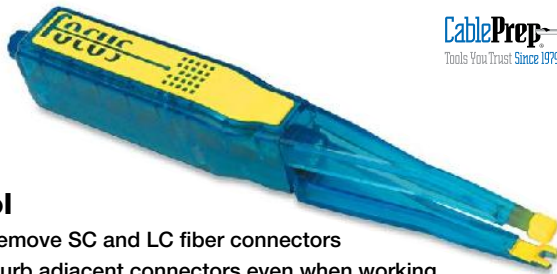
CablePrep
Tools You Trust Since 1979

Focus Tool
➤ Insert and remove SC and LC fiber connectors
➤ Will not disturb adjacent connectors even when working on densely populated panels

SPC No.	Part No.	Description	Price
304X420	FOC-100	Focus Insertion Removal Tool	$45.00 ea.

Fiber Optic Loopback Plugs
➤ Use for testing the transmission capability and receiver sensitivity of network equipment
➤ Feature precision ceramic ferrules, high optical performance, low loss performance and long thumb release

FIBER XP

Loopback Plugs - No Covers		Price Each	
Stock No.	Description	1-49	50-up
682X268	62.5-µm Multimode LC Loopback Plug	$9.85	$8.37
682X264	50-µm Multimode LC Loopback Plug	$9.85	$8.37
682X280	62.5-µm Multimode SC Loopback Plug	$9.85	$8.37
682X276	50-µm Multimode SC Loopback Plug	$9.85	$8.37
682X272	9-µm Singlemode LC Loopback Plug	$10.12	$8.60
682X284	9-µm Singlemode SC Loopback Plug	$10.12	$8.60

Loopback Adapters with Covers		Price Each	
Stock No.	Description	1-49	50-up
682X266	62.5-µm Multimode LC Loopback Adapter	$12.45	$10.59
682X262	50-µm Multimode LC Loopback Adapter	$12.45	$10.59
682X278	62.5-µm Multimode SC Loopback Adapter	$15.33	$13.03
682X274	50-µm Multimode SC Loopback Adapter	$15.33	$13.03
682X270	9-µm Singlemode LC Loopback Adapter	$12.73	$10.82
682X282	9-µm Singlemode SC Loopback Adapter	$15.64	$13.29

MPO Fiber Optic Loopback Plugs
➤ Verify and test transceivers with MPO interfaces with 12-core or 24-core loopback adapters
➤ Factory terminated PC loopback connectors are protected by a durable hard shell casing

FIBER XP

Stock No.	Part No. and Description	Price Ea.
682X088	LBK-MPO12-M1 12-Core Multimode 62.5 µm OM1	$54.55
682X090	LBK-MPO12-M2 12-Core Multimode 50 µm OM2	$54.55
682X092	LBK-MPO12-M3 12-Core Multimode 50 µm OM3	$54.55
682X094	LBK-MPO12-S9 12-Core Singlemode 9 µm OS2	$62.12

Stock No.	Description	Price Ea.
682X098	LBK-MPO24-M3 24-Core Multimode 50 µm OM3	$96.36
682X100	LBK-MPO24-S9 24-Core Singlemode 9 µm OS2	$106.36

SPCToolKits

Enables direct connection to optical power meters

SPC962 FTTH OptiTap® Test Kit
➤ Connect to an optical power meter with the OptiTap® singlemode OS2 test jumper that is three meters long
➤ Kit includes a pen-style visual fault locator

SPC No.	Description	Price
SPC962	FTTH OptiTap Test Kit	1-5, $194.00 ea.; 6-up, $185.00 ea.

SPC962 Tools List	
Singlemode Test Jumper, OptiTap SC/APC to Simplex SC/APC	Visual Fault Locator Zipper Bag, 6" x 10"

Pen-style VFL for continuity testing and tracing

Custom Consumable Kits

Purchase pre-made kits or customize a kit that includes the case, parts boxes, connectors and adapters needed to get the job done. Durham Manufacturing storage boxes are ideal for creating compact, efficient systems for organizing, storing and protecting a wide variety of small parts. Five fit nicely in a soft case or a steel rack.

Small parts such as EQs (equalizers), PADS (attenuators), diplex filters and plug-ins, terminals, butt splices and connectors are easily misplaced. With parts boxes these items stay organized and accessible so that they're available when needed. Durham small and large parts boxes come in several configurations to meet most any requirement.

Case is made of water-resistant ballistic nylon

Detachable hanging strap with carabiner for hands-free use

Hands-Free Maintenance Case for Small Parts, PADs and EQs

➤ Bag comes with five 11" x 6¾" x 1¾" small plastic storage boxes
➤ Three boxes have fixed compartments – 6, 12 and 13 sections
➤ Two boxes with adjustable compartments allow for customizing

SPC No.	Part No. and Description	Price
082X500	AE2289SPC KIT Case	1-5, $126.00 ea.; 6-up, $120.00 ea.

SPC850 UPC Attenuator and One-Click Cleaner Kit

➤ Premium grade optical attenuators with Zirconia ferrules for singlemode UPC FC/LC/SC application
➤ Large plastic parts box features adjustable compartments, reinforced hinges and snug-fitting cover
➤ IBC brand dry cloth cleaners clean ferrule connections in adapters, faceplates or bulkheads

SPC No. Description	Price
SPC850 Attenuator Cleaner Kit	1-5, $675.00 ea.; 6-up, $642.00 ea.

SPC850 Contents	
Two of each FC/UPC Attenuators, SM 2, 3, 5, 10, 12 and 15 dB	Two of each LC/UPC Attenuators, SM 2, 3, 5, 10, 12 and 15 dB
Two of each SC/UPC Attenuators, SM 2, 3, 5, 10, 12 and 15 dB	IBC Brand Cleaner, LC
IBC Brand Cleaner, SC, FC, ST	Adjustable Compartment Box, 13⅛" x 9" x 2⁵⁄₁₆"

Use the SPC800 for singlemode APC FC, SC and LC applications

SPC800 APC Attenuator Kit

➤ Premium grade optical fixed attenuators reduce the power or signal from 3 to 20 dB
➤ Attenuators have Zirconia ferrules, 1310/1550 nm dual wavelength and high optical power endurance for singlemode applications
➤ High-strength, oil-resistant polypropylene boxes have reinforced hinges, covers that overlap and fit snugly and two snap latches

SPC No. Description	Price
SPC800 APC Attenuator Kit	1-5, $214.00 ea.; 6-up, $204.00 ea.

SPC800 Contents	
Two of each FC/APC Attenuators, SM 3, 5, 7, 10, 15 and 20 dB	Two of each LC/APC Attenuators, SM 3, 5, 7, 10, 15 and 20 dB
Two of each SC/APC Attenuators, SM 3, 5, 7, 10, 15 and 20 dB	Adjustable Compartment Box, 11" x 6¾" x 1¾"

SPC801 is for singlemode UPC ST, SC, FC and LC applications

SPC801 UPC Attenuator Kit

➤ Attenuators have Zirconia ferrules, 1310/1550 nm dual wavelength and high optical power endurance for singlemode applications
➤ Premium grade optical fixed attenuators reduce the power or signal from 3 to 20 dB
➤ High-strength, oil-resistant polypropylene boxes have reinforced hinges, covers that overlap and fit snugly and two snap latches

SPC No. Description	Price
SPC801 UPC Attenuator Kit	1-5, $275.00 ea.; 6-up, $262.00 ea.

SPC801 Contents	
Two of each FC/UPC Attenuators, SM 3, 5, 7, 10, 15 and 20 dB	Two of each SC/UPC Attenuators, SM 3, 5, 7, 10, 15 and 20 dB
Two of each LC/UPC Attenuators, SM 3, 5, 7, 10, 15 and 20 dB	Two of each ST/UPC Attenuators, SM 3, 5, 7, 10, 15 and 20 dB
	Adjustable Compartment Box, 13⅛" x 9" x 2⁵⁄₁₆"

FIBER XP®

Male plug connector

Attenuation value

Female fiber adapter

Fixed Optical Attenuators

➤ Ideal for attenuating singlemode fiber connectors

➤ Reduce power or signal in a fiber optic cable from 1 to 20 dB

➤ Attenuators feature zirconia ferrules, high optical power endurance and dual wavelengths

➤ Paired male-to-female or female-to-male in seven styles

APC-Style Attenuators

FIBER XP®

Style	Stock No.	Part No.	Attenuation	1-49	50-up
FC/APC	952X298	SPC-SM-FCA-01	1 dB	$8.60	$7.31
	952X299	SPC-SM-FCA-02	2 dB	$8.60	$7.31
	952X300	SPC-SM-FCA-03	3 dB	$8.74	$7.43
	952X301	SPC-SM-FCA-04	4 dB	$8.60	$7.31
	952X302	SPC-SM-FCA-05	5 dB	$8.74	$7.43
	952X303	SPC-SM-FCA-06	6 dB	$8.60	$7.31
	952X306	SPC-SM-FCA-07	7 dB	$8.74	$7.43
	952X304	SPC-SM-FCA-08	8 dB	$8.60	$7.31
	952X305	SPC-SM-FCA-09	9 dB	$8.60	$7.31
	952X308	SPC-SM-FCA-10	10 dB	$8.74	$7.43
	952X307	SPC-SM-FCA-11	11 dB	$8.60	$7.31
	952X309	SPC-SM-FCA-12	12 dB	$8.60	$7.31
	952X311	SPC-SM-FCA-13	13 dB	$8.60	$7.31
	952X313	SPC-SM-FCA-14	14 dB	$8.60	$7.31
	952X310	SPC-SM-FCA-15	15 dB	$8.74	$7.43
	952X314	SPC-SM-FCA-16	16 dB	$8.60	$7.31
	952X315	SPC-SM-FCA-17	17 dB	$8.60	$7.31
	952X316	SPC-SM-FCA-18	18 dB	$8.60	$7.31
	952X297	SPC-SM-FCA-19	19 dB	$8.60	$7.31

Style	Stock No.	Part No.	Attenuation	1-49	50-up
LC/APC	952X424	SPC-SM-LCA-03	3 dB	$9.83	$8.35
	952X422	SPC-SM-LCA-04	4 dB	$9.83	$8.35
	952X426	SPC-SM-LCA-05	5 dB	$9.54	$8.11
	952X425	SPC-SM-LCA-06	6 dB	$9.83	$8.35
	952X428	SPC-SM-LCA-07	7 dB	$9.83	$8.35
	952X427	SPC-SM-LCA-08	8 dB	$9.83	$8.35
	952X429	SPC-SM-LCA-09	9 dB	$9.83	$8.35
	952X430	SPC-SM-LCA-10	10 dB	$9.54	$8.11
	952X431	SPC-SM-LCA-11	11 dB	$9.83	$8.35
	952X433	SPC-SM-LCA-12	12 dB	$9.83	$8.35
	952X435	SPC-SM-LCA-13	13 dB	$9.83	$8.35
	952X436	SPC-SM-LCA-14	14 dB	$9.83	$8.35
	952X432	SPC-SM-LCA-15	15 dB	$9.54	$8.11
	952X437	SPC-SM-LCA-16	16 dB	$9.83	$8.35
	952X438	SPC-SM-LCA-17	17 dB	$9.83	$8.35
	952X439	SPC-SM-LCA-18	18 dB	$9.83	$8.35
	952X440	SPC-SM-LCA-19	19 dB	$9.83	$8.35

Style	Stock No.	Part No.	Attenuation	1-49	50-up
SC/APC	952X360	SPC-SM-SCA-03	3 dB	$8.74	$7.43
	952X361	SPC-SM-SCA-04	4 dB	$8.60	$7.31
	952X362	SPC-SM-SCA-05	5 dB	$8.74	$7.43
	952X363	SPC-SM-SCA-06	6 dB	$8.60	$7.31
	952X364	SPC-SM-SCA-07	7 dB	$8.74	$7.43
	952X365	SPC-SM-SCA-08	8 dB	$8.60	$7.31
	952X371	SPC-SM-SCA-09	9 dB	$8.60	$7.31
	952X366	SPC-SM-SCA-10	10 dB	$8.74	$7.43
	952X372	SPC-SM-SCA-11	11 dB	$8.60	$7.31
	952X367	SPC-SM-SCA-12	12 dB	$8.74	$7.43
	952X373	SPC-SM-SCA-13	13 dB	$8.60	$7.31
	952X374	SPC-SM-SCA-14	14 dB	$8.60	$7.31
	952X368	SPC-SM-SCA-15	15 dB	$8.74	$7.43
	952X375	SPC-SM-SCA-16	16 dB	$8.60	$7.31
	952X376	SPC-SM-SCA-17	17 dB	$8.60	$7.31
	952X357	SPC-SM-SCA-18	18 dB	$8.60	$7.31
	952X369	SPC-SM-SCA-19	19 dB	$8.60	$7.31
	952X370	SPC-SM-SCA-20	20 dB	$8.74	$7.43

UPC-Style Attenuators

FIBER XP®

FC/UPC

Style	Stock No.	Part No.	Attenuation	1-49	50-up
FC/UPC	952X318	SPC-SM-FCU-02	2 dB	$8.20	$6.97
	952X320	SPC-SM-FCU-03	3 dB	$8.20	$6.97
	952X322	SPC-SM-FCU-05	5 dB	$8.20	$6.97
	952X324	SPC-SM-FCU-07	7 dB	$8.20	$6.97
	952X326	SPC-SM-FCU-10	10 dB	$8.20	$6.97
	952X327	SPC-SM-FCU-12	12 dB	$8.20	$6.97
	952X328	SPC-SM-FCU-15	15 dB	$8.20	$6.97
	952X330	SPC-SM-FCU-20	20 dB	$8.20	$6.97

Style	Stock No.	Part No.	Attenuation	1-49	50-up
LC/UPC	952X337	SPC-SM-LCU-01	1 dB	$8.74	$7.43
	952X338	SPC-SM-LCU-02	2 dB	$8.74	$7.43
	952X340	SPC-SM-LCU-03	3 dB	$8.74	$7.43
	952X341	SPC-SM-LCU-04	4 dB	$8.74	$7.43
	952X342	SPC-SM-LCU-05	5 dB	$8.74	$7.43
	952X343	SPC-SM-LCU-06	6 dB	$8.74	$7.43
	952X344	SPC-SM-LCU-07	7 dB	$8.74	$7.43
	952X345	SPC-SM-LCU-08	8 dB	$8.74	$7.43
	952X349	SPC-SM-LCU-09	9 dB	$8.74	$7.43
	952X346	SPC-SM-LCU-10	10 dB	$8.74	$7.43
	952X351	SPC-SM-LCU-11	11 dB	$8.74	$7.43
	952X352	SPC-SM-LCU-12	12 dB	$8.74	$7.43
	952X353	SPC-SM-LCU-13	13 dB	$8.74	$7.43
	952X354	SPC-SM-LCU-14	14 dB	$8.74	$7.43
	952X348	SPC-SM-LCU-15	15 dB	$8.74	$7.43
	952X451	SPC-SM-LCU-16	16 dB	$8.74	$7.43
	952X452	SPC-SM-LCU-17	17 dB	$8.74	$7.43
	952X453	SPC-SM-LCU-18	18 dB	$8.74	$7.43
	952X454	SPC-SM-LCU-19	19 dB	$8.74	$7.43
	952X350	SPC-SM-LCU-20	20 dB	$8.74	$7.43

SPCCases   FIBER XP®   SPCToolKits

Style	Stock No.	Part No.	Attenuation	1-49	50-up
SC/UPC	952X377	SPC-SM-SCU-01	1 dB	$8.20	$6.97
	952X379	SPC-SM-SCU-02	2 dB	$8.20	$6.97
	952X380	SPC-SM-SCU-03	3 dB	$8.20	$6.97
	952X381	SPC-SM-SCU-04	4 dB	$8.20	$6.97
	952X382	SPC-SM-SCU-05	5 dB	$8.20	$6.97
	952X383	SPC-SM-SCU-06	6 dB	$8.20	$6.97
	952X384	SPC-SM-SCU-07	7 dB	$8.20	$6.97
	952X441	SPC-SM-SCU-08	8 dB	$8.20	$6.97
	952X385	SPC-SM-SCU-09	9 dB	$8.20	$6.97
	952X386	SPC-SM-SCU-10	10 dB	$8.20	$6.97
	952X455	SPC-SM-SCU-11	11 dB	$8.74	$7.43
	952X396	SPC-SM-SCU-12	12 dB	$8.20	$6.97
	952X456	SPC-SM-SCU-13	13 dB	$8.74	$7.43
	952X457	SPC-SM-SCU-14	14 dB	$8.74	$7.43
	952X388	SPC-SM-SCU-15	15 dB	$8.20	$6.97
	952X458	SPC-SM-SCU-16	16 dB	$8.74	$7.43
	952X459	SPC-SM-SCU-17	17 dB	$8.74	$7.43
	952X460	SPC-SM-SCU-18	18 dB	$8.74	$7.43
	952X461	SPC-SM-SCU-19	19 dB	$8.74	$7.43
	952X390	SPC-SM-SCU-20	20 dB	$8.20	$6.97

Style	Stock No.	Part No.	Attenuation	1-49	50-up
ST/UPC	952X398	SPC-SM-STU-01	1 dB	$10.86	$9.23
	952X399	SPC-SM-STU-02	2 dB	$10.86	$9.23
	952X400	SPC-SM-STU-03	3 dB	$9.54	$8.11
	952X401	SPC-SM-STU-04	4 dB	$10.86	$9.23
	952X402	SPC-SM-STU-05	5 dB	$9.54	$8.11
	952X403	SPC-SM-STU-06	6 dB	$10.86	$9.23
	952X404	SPC-SM-STU-07	7 dB	$9.54	$8.11
	952X405	SPC-SM-STU-08	8 dB	$10.86	$9.23
	952X411	SPC-SM-STU-09	9 dB	$10.86	$9.23
	952X406	SPC-SM-STU-10	10 dB	$9.54	$8.11
	952X407	SPC-SM-STU-11	11 dB	$10.86	$9.23
	952X412	SPC-SM-STU-12	12 dB	$10.86	$9.23
	952X413	SPC-SM-STU-13	13 dB	$10.86	$9.23
	952X414	SPC-SM-STU-14	14 dB	$10.86	$9.23
	952X408	SPC-SM-STU-15	15 dB	$9.54	$8.11
	952X409	SPC-SM-STU-16	16 dB	$10.86	$9.23
	952X415	SPC-SM-STU-17	17 dB	$10.86	$9.23
	952X416	SPC-SM-STU-18	18 dB	$10.86	$9.23
	952X417	SPC-SM-STU-19	19 dB	$10.86	$9.23
	952X410	SPC-SM-STU-20	20 dB	$9.54	$8.11

Patch Cables

Fiber Optic Patch Cables

➤ Corning fiber optic patch cables provide the highest quality solution for applications where low signal loss, high speed and high data rates are required

➤ Bend insensitive cables resist bend related damage when wrapping or making tight corners

➤ Multimode cables are available in four different optical mode designations depending on the required bandwidth, including OM1, OM2, OM3, and OM4

➤ Singlemode cables are available in both simplex and duplex styles with 1.6-mm, 2.0-mm and 2.8-mm jackets

OM1 Multimode Simplex 62.5-µm Fiber Optic Patch Cables — CORNING

Type	Jacket	1m Cable Length			2m Cable Length			3m Cable Length			5m Cable Length			10m Cable Length		
		SPC No.	1-11	12-up	SPC No.	1-11	12-up	SPC No.	1-11	12-up	SPC No.	1-11	12-up	SPC No.	1-11	12-up
LC-LC Simplex	2.0mm	745X464	$13.31	$12.98	-	-	-	-	-	-	-	-	-	745X472	$17.49	$17.06
SC-SC Simplex	2.0mm	745X704	$19.06	$18.58	745X706	$20.10	$19.60	745X708	$21.15	$20.62	-	-	-	-	-	-
ST-LC Simplex	2.0mm	5.72	5.72	5.72	5.72	5.72	5.72	745X488	$12.40	$12.09	745X490	$13.43	$13.10	745X492	$14.46	$14.10

OM1 Simplex Multimode 62.5-µm Fiber Optic Patch Cables — FIBER XP

Type	Jacket	1m Cable Length			2m Cable Length			3m Cable Length			5m Cable Length			10m Cable Length		
		SPC No.	1-49	50-up	SPC No.	1-49	50-up	SPC No.	1-49	50-up	SPC No.	1-49	50-up	SPC No.	1-49	50-up
ST-ST Simplex	2.8mm	682X101	$4.86	$4.13	682X102	$5.20	$4.42	682X103	$5.54	$4.71	682X105	$6.23	$5.29	-	-	-
SC-SC Simplex	2.8mm	682X111	$4.86	$4.13	682X112	$5.23	$4.44	682X113	$5.60	$4.76	-	-	-	-	-	-
LC-LC Simplex	1.8mm	682X121	$8.17	$6.95	682X122	$4.60	$4.60	682X123	$8.91	$7.58	-	-	-	-	-	-
ST-SC Simplex	2.8mm	682X201	$4.86	$4.13	682X202	$5.23	$4.44	682X203	$5.60	$4.76	-	-	-	682X210	$8.20	$6.97
SC-LC Simplex	1.8mm	682X211	$6.57	$5.59	682X212	$6.94	$5.90	682X213	$7.31	$6.22	682X215	$7.66	$6.51	682X220	$9.94	$8.45
ST-LC Simplex	1.8mm	682X221	$6.57	$5.59	682X222	$6.94	$5.90	682X223	$7.31	$6.22	-	-	-	-	-	-

OM1 Multimode Duplex 62.5-µm Fiber Optic Patch Cables — CORNING

Type	Jacket	1m Cable Length			2m Cable Length			3m Cable Length			5m Cable Length			10m Cable Length		
		SPC No.	1-11	12-up	SPC No.	1-11	12-up	SPC No.	1-11	12-up	SPC No.	1-11	12-up	SPC No.	1-11	12-up
LC-LC Duplex	2.0mm	745X564	$26.21	$25.55	745X566	$27.88	$27.18	745X568	$29.55	$28.81	745X570	$31.22	$30.44	745X572	$32.90	$32.07
SC-SC Duplex	2.0mm	745X740	$37.70	$36.76	745X742	$39.39	$38.40	745X744	$41.07	$40.05	-	-	-	-	-	-
SC-LC Duplex	2.0mm	745X614	$31.94	$31.14	745X616	$33.64	$32.80	745X618	$35.34	$34.46	-	-	-	745X622	$38.75	$37.78
ST-LC Duplex	2.0mm	745X594	$20.28	$19.78	-	-	-	745X598	$23.69	$23.09	-	-	-	-	-	-

OM1 Duplex Multimode 62.5-µm Fiber Optic Patch Cables — FIBER XP

Type	Jacket	1m Cable Length			2m Cable Length			3m Cable Length			5m Cable Length			10m Cable Length		
		SPC No.	1-49	50-up	SPC No.	1-49	50-up	SPC No.	1-49	50-up	SPC No.	1-49	50-up	SPC No.	1-49	50-up
ST-ST Duplex	2.8mm	682X131	$8.57	$7.29	682X132	$9.26	$7.87	682X133	$9.94	$8.45	682X135	$11.31	$9.62	682X140	$14.74	$12.53
SC-SC Duplex	2.8mm	-	-	-	682X142	$9.26	$7.87	682X143	$9.94	$8.45	-	-	-	-	-	-
LC-LC Duplex	1.8mm	682X151	$14.86	$12.63	682X152	$15.54	$13.21	682X153	$16.23	$13.79	682X155	$17.60	$14.96	-	-	-
ST-SC Duplex	2.8mm	682X231	$8.57	$7.29	682X232	$9.26	$7.87	682X233	$9.94	$8.45	682X235	$11.31	$9.62	682X240	$14.74	$12.53
SC-LC Duplex	1.8mm	682X241	$11.86	$10.08	682X242	$12.54	$10.66	-	-	-	682X245	$14.60	$12.41	682X250	$18.03	$15.32
ST-LC Duplex	1.8mm	682X251	$11.86	$10.08	682X252	$12.54	$10.66	682X253	$13.23	$11.24	682X255	$14.60	$12.41	682X260	$18.03	$15.32

OM1 Multimode MTRJ 62.5-µm Fiber Optic Patch Cables — FIBER XP

Type	Jacket	1m Cable Length			2m Cable Length			3m Cable Length			5m Cable Length			10m Cable Length		
		SPC No.	1-49	50-up	SPC No.	1-49	50-up	SPC No.	1-49	50-up	SPC No.	1-49	50-up	SPC No.	1-49	50-up
MTRJ-MTRJ	2.0mm	682X601	$12.57	$10.69	-	-	-	-	-	-	682X605	$15.31	$13.02	682X028	$18.74	$15.93
MTRJ-SC	2.0mm	682X611	$10.71	$9.11	682X612	$11.40	$9.69	-	-	-	682X615	$13.46	$11.44	682X026	$16.89	$14.35
MTRJ-ST	2.0mm	682X621	$10.71	$9.11	682X622	$11.40	$9.69	-	-	-	682X625	$13.46	$11.44	682X024	$16.89	$14.35

Singlemode and Multimode Reverse Polarity Uniboot Duplex Assemblies — CORNING
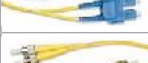
Type	Jacket	1m Cable Length			2m Cable Length			3m Cable Length			5m Cable Length			10m Cable Length		
		SPC No.	1-11	12-up	SPC No.	1-11	12-up	SPC No.	1-11	12-up	SPC No.	1-11	12-up	SPC No.	1-11	12-up
SM LC/UPC-LC/UPC	2.0mm	745X828	$42.03	$40.98	745X830	$42.69	$41.62	745X832	$43.34	$42.26	745X834	$44.00	$42.90	745X836	$44.66	$43.54

Additional Patch Cables

FiberXP patch cables come in other styles such as flex boot and in

additional lengths including 12 and 20 meters. See below for examples. Contact our sales department at 800-866-5353 or visit us on line at www.specialized.net for quantity quotes and additional information.

Stock No.	Part No. and Description	1-49	50-up
682X811	OM1 Multimode Duplex ST-ST 20 meters	$22.18	$18.85
682X367	Singlemode Duplex SC-SC 12 meters	$21.73	$18.47
682X441	Singlemode Duplex LC-SC 12 meters	$23.39	$19.88
682X803	Singlemode Duplex ST-ST 20 meters	$26.06	$22.15

FIBER XP

Stock No.	Description	1-49	50-up
682X109	Bend Insensitive Singlemode Duplex SC-SC 12 meters	$21.18	$18.00
682X885	Bend Insensitive Singlemode Simplex LC-LC 20 meters	$17.43	$14.81
682X981	Flex Boot Singlemode Duplex LCA-LCU 12 meters	$30.67	$26.07

OM2 Multimode 50-µm Fiber Optic Patch Cables

FIBER XP

Type	Jacket	1m Cable Length SPC No.	1-49	50-up	2m Cable Length SPC No.	1-49	50-up	3m Cable Length SPC No.	1-49	50-up	5m Cable Length SPC No.	1-49	50-up!	10m Cable Length SPC No.	1-49	50-up
SC-ST Duplex	2.8mm	682X933	$8.57	$7.29	682X934	$9.26	$7.87	682X935	$9.94	$8.45	-	-	-			
LC-SC Duplex	1.8mm	682X948	$11.86	$10.08	-	-	-	-	-	-	682X954	$14.60	$12.41	-	-	-
LC-LC Duplex	1.8mm	682X956	$14.86	$12.63	-	-	-	682X958	$16.23	$13.79	682X959	$17.60	$14.96	682X960	$21.03	$17.87

OM3 Multimode Duplex 50-µm Fiber Optic Patch Cables

CORNING

Type	Jacket	1m Cable Length SPC No.	1-11	12-up	2m Cable Length SPC No.	1-11	12-up	3m Cable Length SPC No.	1-11	12-up!	5m Cable Length SPC No.	1-11	12-up	10m Cable Length SPC No.	1-11	12-up
LC-SC Duplex	2.0mm	745X634	$31.94	$31.14	745X636	$33.63	$32.79	745X638	$35.31	$34.43	745X640	$38.69	$37.72	745X642	$38.69	$37.72
LC-LC Duplex	2.0mm	745X584	$26.21	$25.55	745X586	$27.88	$27.18	745X588	$29.55	$28.81	745X590	$32.93	$32.10	745X592	$41.34	$40.31
SC-SC Duplex	2.0mm	745X762	$37.70	$36.76	745X764	$39.39	$38.40	745X766	$41.07	$40.05	745X767	$42.76	$41.69	-	-	-

OM3 10-Gb Multimode 50-µm Fiber Optic Patch Cables

FIBER XP

Type	Jacket	1m Cable Length SPC No.	1-49	50-up	2m Cable Length SPC No.	1-49	50-up	3m Cable Length SPC No.	1-49	50-up	5m Cable Length SPC No.	1-49	50-up
SC-SC Duplex	2.8mm	682X156	$8.97	$7.63	-	-	-	682X158	$11.14	$9.47	-	-	-
LC-ST Duplex	1.8mm	682X485	$12.26	$10.42	-	-	-	-	-	-	682X488	$16.60	$14.11
LC-SC Duplex	1.8mm	682X490	$12.26	$10.42	682X491	$13.34	$11.34	682X492	$14.43	$12.26	682X493	$16.60	$14.11
LC-LC Duplex	1.8mm	682X496	$15.26	$12.97	682X497	$16.34	$13.89	682X498	$17.43	$14.81	682X499	$19.60	$16.66

OM4 Multimode Duplex 50-µm Fiber Optic Patch Cables

CORNING

Type	Jacket	1m Cable Length SPC No.	1-11	12-up	2m Cable Length SPC No.	1-11	12-up	3m Cable Length SPC No.	1-11	12-up	5m Cable Length SPC No.	1-11	12-up	10m Cable Length SPC No.	1-11	12-up
SC-SC Duplex	2.0mm	745X751	$38.25	$37.30	745X753	$40.46	$39.45	745X756	$42.67	$41.60	745X758	$44.88	$43.76	745X760	$47.09	$45.91
LC-LC Duplex	2.0mm	745X574	$26.75	$26.08	745X576	$28.97	$28.25	745X578	$31.19	$30.41	745X580	$35.64	$34.75	745X582	$35.64	$34.75
LC-SC Duplex	2.0mm	745X624	$32.49	$31.68	745X626	$34.73	$33.86	745X628	$36.97	$36.05	-	-	-	745X632	$41.45	$40.41

MTP Bend Insensitive Fiber Optic Patch Cables

Cable	Connector	Count	3m Cable Length SPC No.	1-49	50-up
Singlemode	MTP/Female	12-Core	682X975	$81.78	$69.51

FIBER XP

Patch Cables

Bend Insensitive Singlemode Simplex Fiber Optic Patch Cables

CORNING

Type	Jacket	1m Cable Length			2m Cable Length			3m Cable Length			5m Cable Length			10m Cable Length		
		SPC No.	1-11	12-up	SPC No.	1-11	12-up	SPC No.	1-11	12-up	SPC No.	1-11	12-up	SPC No.	1-11	12-up
LC/UPC-LC/UPC	1.6mm	745X524	$12.64	$12.33	745X526	$13.06	$12.73	745X428	$13.48	$13.14	745X430	$13.90	$13.55	745X432	$14.31	$13.96
SC/UPC-SC/UPC	1.6mm	745X772	$13.67	$13.33	745X774	$14.09	$13.74	745X776	$14.51	$14.14	745X778	$14.93	$14.55	745X780	$15.34	$14.96
LC/UPC-SC/UPC	1.6mm	745X454	$13.15	$12.82	745X456	$13.58	$13.24	745X458	$14.01	$13.66	745X460	$14.45	$14.09	745X462	$14.88	$14.51
SC/APC-SC/APC	1.6mm	745X714	$17.24	$16.81	745X722	$17.67	$17.23	745X724	$18.10	$17.65	745X726	$18.54	$18.07	745X728	$21.15	$20.62
LC/APC-LC/APC	1.6mm	–	–	–	–	–	–	745X678	$16.57	$16.15	745X680	$16.99	$16.56	–	–	–
LC/UPC-LC/APC	1.6mm	–	–	–	745X436	$14.61	$14.25	745X438	$15.03	$14.65	745X440	$15.45	$15.06	745X442	$15.87	$15.47
LC/UPC-SC/APC	1.6mm	745X444	$14.96	$14.58	745X446	$15.37	$14.99	745X448	$15.79	$15.40	745X449	$16.66	$16.24	745X452	$16.63	$16.21
LC/APC-SC/APC	1.6mm	745X684	$16.49	$16.08	745X686	$16.91	$16.49	745X688	$17.33	$16.90	745X690	$17.75	$17.30	745X692	$18.16	$17.71
LC/APC-SC/UPC	1.6mm	745X694	$14.70	$14.33	745X696	$15.12	$14.74	–	–	–	745X700	$15.96	$15.56	–	–	–
SC/APC-SC/UPC	1.6mm	745X730	$15.45	$15.06	745X732	$15.87	$15.47	745X734	$16.28	$15.88	745X736	$16.70	$16.28	745X738	$17.12	$16.69
LC/UPC-LC/UPC	2.0mm	745X250	$12.61	$12.30	745X252	$13.01	$12.69	745X254	$13.42	$13.08	745X256	$13.82	$13.48	745X258	$14.22	$13.87
LC/UPC-SC/APC	2.0mm	745X260	$14.93	$14.55	745X262	$15.33	$14.95	745X264	$15.73	$15.34	745X266	$16.13	$15.73	745X268	$16.54	$16.12
LC/UPC-SC/UPC	2.0mm	745X270	$13.13	$12.81	745X272	$13.52	$13.18	745X274	$13.91	$13.56	745X276	$14.30	$13.94	745X278	$14.69	$14.32
LC/APC-LC/APC	2.0mm	–	–	–	745X334	$16.09	$15.69	745X336	$16.48	$16.07	–	–	–	745X340	$17.25	$16.82
SC/APC-LC/APC	2.0mm	–	–	–	745X344	$16.85	$16.43	745X346	$17.24	$16.81	–	–	–	–	–	–
SC/UPC-LC/APC	2.0mm	–	–	–	745X372	$15.06	$14.68	745X374	$15.45	$15.06	745X376	$15.84	$15.44	745X378	$16.22	$15.82
SC/APC-SC/APC	2.0mm	745X380	$17.22	$16.79	745X382	$17.63	$17.19	745X384	$18.03	$17.58	745X386	$18.43	$17.97	745X388	$20.88	$20.36
SC/UPC-SC/UPC	2.0mm	745X390	$13.64	$13.30	745X392	$13.84	$13.49	745X394	$14.03	$13.68	745X396	$14.22	$13.87	745X398	$14.42	$14.06

Bend Insensitive Singlemode Simplex Fiber Optic Patch Cables

FIBER XP

Type	Jacket	1m Cable Length			2m Cable Length			3m Cable Length			5m Cable Length			10m Cable Length		
		SPC No.	1-49	50-up	SPC No.	1-49	50-up	SPC No.	1-49	50-up	SPC No.	1-49	50-up	SPC No.	1-49	50-up
SC/UPC-SC/UPC	2.8mm	682X784	$7.63	$6.48	682X785	$8.91	$7.58	682X786	$8.26	$7.02	682X788	$8.89	$7.55			
LC/UPC-LC/UPC	2.0mm	682X794	$11.46	$9.74	682X795	$12.66	$10.76	682X796	$12.11	$10.30	682X798	$12.74	$10.83	–	–	–
LC/UPC-SC/UPC	2.0mm	682X790	$9.29	$7.89	–	–	–	682X791	$9.91	$8.43	682X792	$10.54	$8.96	682X055	$12.11	$10.30
SC/UPC-FC/UPC	2.8mm	682X468	$7.86	$6.68	–	–	–	682X469	$8.51	$7.24	682X470	$9.17	$7.80	–	–	–
LC/APC-LC/APC	2.0mm	682X465	$12.86	$10.93	–	–	–	–	–	–	–	–	–	–	–	–
SC/APC-SC/APC	2.8mm	682X760	$9.23	$7.84	–	–	–	682X762	$9.89	$8.40	682X764	$10.54	$8.96	–	–	–
LC/APC-SC/APC	2.0mm	682X766	$11.23	$9.54	–	–	–	682X768	$11.89	$10.10	–	–	–	–	–	–
SC/UPC-SC/APC	2.8mm	682X778	$8.77	$7.46	–	–	–	682X780	$9.43	$8.01	682X782	$10.09	$8.57	–	–	–
SC/UPC-LC/APC	2.0mm	682X772	$10.66	$9.06	–	–	–	682X774	$11.31	$9.62	682X776	$12.03	$10.22	–	–	–

Singlemode Simplex Fiber Optic Patch Cables

FIBER XP

Type	Jacket	1m Cable Length			2m Cable Length			3m Cable Length			5m Cable Length			10m Cable Length		
		SPC No.	1-49	50-up	SPC No.	1-49	50-up	SPC No.	1-49	50-up	SPC No.	1-49	50-up	SPC No.	1-49	50-up
ST/UPC-ST/UPC	2.8mm	682X301	$7.54	$6.41	682X302	$7.83	$6.65	682X303	$8.11	$6.90	682X305	$8.69	$7.38	682X310	$10.11	$8.60
SC/UPC-SC/UPC	2.8mm	682X311	$7.54	$6.41	682X312	$7.83	$6.65	682X313	$8.11	$6.90	682X315	$8.69	$7.38	682X320	$10.11	$8.60
FC/UPC-FC/UPC	2.8mm	682X331	$8.17	$6.95	682X332	$8.46	$7.19	682X333	$8.74	$7.43	–	–	–	682X340	$10.74	$9.13
LC/UPC-LC/UPC	2.0mm	682X321	$11.37	$9.67	682X322	$11.66	$9.91	682X323	$11.94	$10.15	682X325	$12.51	$10.64	682X330	$13.94	$11.85
ST/UPC-SC/UPC	2.8mm	682X401	$7.54	$6.41	682X402	$7.83	$6.65	682X403	$8.11	$6.90	682X405	$8.69	$7.38	682X410	$10.11	$8.60
LC/UPC-SC/UPC	2.0mm	682X411	$9.29	$7.89	682X412	$9.57	$8.14	682X413	$9.86	$8.38	682X415	$10.43	$8.86	–	–	–
LC/UPC-ST/UPC	2.0mm	682X461	$9.37	$7.97	682X462	$9.66	$8.21	682X040	$9.94	$8.45	682X041	$10.51	$8.94	682X042	$11.94	$10.15
LC/UPC-FC/UPC	2.0mm	682X479	$9.51	$8.09	682X480	$9.80	$8.33	682X481	$10.09	$8.57	682X482	$10.66	$9.06	682X483	$12.09	$10.27
SC/APC-SC/APC	2.8mm	682X501	$9.14	$7.77	682X502	$9.43	$8.01	682X503	$9.71	$8.26	682X505	$10.29	$8.74	682X510	$11.71	$9.96
FC/APC-FC/APC	2.8mm	682X521	$9.43	$8.01	682X522	$9.71	$8.26	682X523	$10.00	$8.50	682X525	$10.57	$8.99	682X530	$12.00	$10.20
LC/APC-LC/APC	2.0mm	–	–	–	682X537	$13.09	$11.12	682X538	$13.37	$11.37	682X539	$13.94	$11.85	–	–	–
FC/APC-SC/APC	2.8mm	682X511	$9.29	$7.89	682X512	$9.57	$8.14	682X513	$9.86	$8.38	–	–	–	682X520	$11.86	$10.08
LC/APC-SC/APC	2.0mm	682X705	$11.14	$9.47	682X706	$11.43	$9.71	682X707	$11.71	$9.96	–	–	–	682X709	$13.71	$11.66
LC/APC-FC/APC	2.0mm	682X886	$11.23	$9.54	682X887	$11.51	$9.79	682X888	$11.80	$10.03	682X889	$12.37	$10.52	682X890	$13.80	$11.73
LC/UPC-LC/LC	2.0mm	682X216	$12.51	$10.64	682X217	$12.80	$10.88	682X218	$13.09	$11.12	682X219	$13.66	$11.61	682X046	$15.09	$12.82
ST/UPC-SC/APC	2.8mm	682X184	$8.80	$7.48	682X186	$9.11	$7.75	682X188	$9.43	$8.01	682X190	$10.06	$8.55	682X044	$11.63	$9.88
ST/UPC-LC/APC	2.0mm	682X192	$10.77	$9.16	–	–	–	–	–	–	–	–	–	–	–	–
SC/UPC-FC/APC	2.8mm	682X161	$9.06	$7.70	–	–	–	682X163	$9.63	$8.18	–	–	–	–	–	–
SC/UPC-LC/APC	2.0mm	682X169	$10.37	$8.82	682X170	$10.66	$9.06	682X172	$10.94	$9.30	682X174	$11.51	$9.79	–	–	–
FC/UPC-SC/APC	2.8mm	682X165	$9.11	$7.75	682X166	$9.40	$7.99	682X167	$9.69	$8.23	682X168	$10.26	$8.72	682X038	$11.69	$9.93
LC/UPC-SC/APC	2.0mm	682X176	$10.29	$8.74	682X178	$10.57	$8.99	682X180	$10.86	$9.23	682X182	$11.43	$9.71	682X048	$12.86	$10.93

PVC jackets minimize physical damage to core and coating
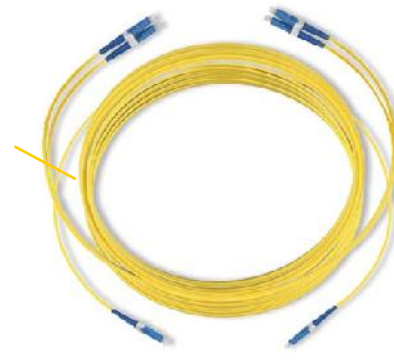
Cables feature 8.2-micron cores, ceramic ferrules and 2.0-mm jackets

Bend Insensitive Singlemode Duplex Fiber Optic Patch Cables

CORNING

Type	Jacket	1m Cable Length			2m Cable Length			3m Cable Length			5m Cable Length			10m Cable Length		
		SPC No.	1-11	12-up	SPC No.	1-11	12-up	SPC No.	1-11	12-up	SPC No.	1-11	12-up	SPC No.	1-11	12-up
LC/UPC-LC/UPC	1.6mm	745X494	$24.87	$24.24	745X496	$25.36	$24.72	745X498	$25.85	$25.20	745X530	$26.34	$25.68	745X532	$26.84	$26.16
SC/UPC-SC/UPC	1.6mm	745X818	$26.99	$26.31	745X820	$27.49	$26.81	745X822	$28.00	$27.30	745X824	$28.51	$27.79	745X826	$29.01	$28.29
LC/UPC-SC/UPC	1.6mm	745X554	$25.91	$25.26	745X556	$26.42	$25.76	745X558	$26.93	$26.25	745X560	$27.43	$26.75	–	–	–
SC/APC-SC/APC	1.6mm	745X782	$34.13	$33.28	745X784	$34.64	$33.78	745X786	$35.15	$34.27	–	–	–	–	–	–
LC/APC-LC/APC	1.6mm	745X644	$31.10	$30.33	–	–	–	745X648	$32.12	$31.32	745X650	$33.09	$32.26	–	–	–
LC/UPC-LC/APC	1.6mm	745X534	$27.97	$27.27	745X536	$28.48	$27.77	745X538	$28.99	$28.26	745X540	$29.49	$28.76	745X542	$32.46	$31.65
LC/UPC-SC/APC	1.6mm	745X544	$29.49	$28.76	745X546	$30.00	$29.25	745X548	$30.51	$29.74	–	–	–	745X552	$31.52	$30.73
LC/APC-SC/APC	1.6mm	745X654	$32.61	$31.80	–	–	–	745X658	$33.63	$32.79	745X660	$34.13	$33.28	–	–	–
LC/APC-SC/UPC	1.6mm	745X664	$29.04	$28.32	745X666	$29.55	$28.81	–	–	–	745X670	$30.57	$29.80	–	–	–
SC/APC-SC/UPC	1.6mm	745X792	$30.55	$29.79	745X794	$31.06	$30.28	745X796	$31.57	$30.78	745X798	$32.07	$31.27	745X816	$32.58	$31.77
LC/UPC-LC/UPC	2.0mm	745X280	$24.84	$24.21	745X282	$25.30	$24.67	745X284	$25.76	$25.12	745X286	$26.73	$26.06	745X288	$26.69	$26.02
LC/UPC-SC/APC	2.0mm	745X290	$29.48	$28.74	745X292	$29.94	$29.19	745X294	$30.40	$29.64	745X296	$30.87	$30.09	745X298	$31.33	$30.55
LC/UPC-SC/UPC	2.0mm	745X302	$25.90	$25.25	745X304	$26.37	$25.71	745X306	$26.85	$26.18	745X308	$27.33	$26.65	745X310	$27.81	$27.11
LC/APC-LC/APC	2.0mm	745X312	$31.07	$30.30	745X314	$31.55	$30.76	–	–	–	745X318	$32.51	$31.69	–	–	–
LC/APC-SC/APC	2.0mm	–	–	–	–	–	–	745X326	$33.55	$32.71	–	–	–	–	–	–
SC/UPC-SC/UPC	2.0mm	745X410	$26.96	$26.28	745X412	$27.18	$26.50	745X414	$27.40	$26.72	745X416	$27.63	$26.94	745X418	$27.85	$27.15

Bend Insensitive Singlemode Duplex Fiber Optic Patch Cables

FIBER XP

Type	Jacket	1m Cable Length			2m Cable Length			3m Cable Length			5m Cable Length			10m Cable Length		
		SPC No.	1-49	50-up	SPC No.	1-49	50-up	SPC No.	1-49	50-up	SPC No.	1-49	50-up	SPC No.	1-49	50-up
SC/UPC-SC/UPC	2.8mm	682X471	$13.80	$11.73	682X075	$14.46	$12.29	682X472	$15.11	$12.85	682X473	$16.43	$13.96	682X077	$19.71	$16.76
LC/UPC-LC/UPC	2.0mm	682X290	$21.51	$18.29	682X081	$22.17	$18.85	682X291	$22.83	$19.40	682X292	$24.14	$20.52	–	–	–
LC/UPC-SC/UPC	2.0mm	682X287	$17.69	$15.03	682X996	$18.34	$15.59	682X288	$19.00	$16.15	682X289	$20.31	$17.27	682X137	$23.60	$20.06
LC/APC-LC/APC	2.0mm	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
SC/APC-SC/APC	2.8mm	682X818	$17.51	$14.89	–	–	–	682X819	$18.83	$16.00	682X820	$20.14	$17.12	–	–	–
LC/APC-SC/APC	2.0mm	682X892	$21.51	$18.29	–	–	–	–	–	–	–	–	–	–	–	–

Singlemode Duplex Fiber Optic Patch Cables

FIBER XP

Type	Jacket	1m Cable Length			2m Cable Length			3m Cable Length			5m Cable Length			10m Cable Length		
		SPC No.	1-49	50-up	SPC No.	1-49	50-up	SPC No.	1-49	50-up	SPC No.	1-49	50-up	SPC No.	1-49	50-up
ST/UPC-ST/UPC	2.8mm	682X341	$13.71	$11.66	682X342	$14.29	$12.14	682X343	$14.86	$12.63	682X345	$16.00	$13.60	682X350	$18.86	$16.03
SC/UPC-SC/UPC	2.8mm	682X351	$13.71	$11.66	682X352	$14.29	$12.14	682X353	$14.86	$12.63	682X355	$16.00	$13.60	682X360	$18.86	$16.03
FC/UPC-FC/UPC	2.8mm	682X371	$14.86	$12.63	–	–	–	682X373	$16.00	$13.60	–	–	–	–	–	–
LC/UPC-LC/UPC	1.8mm	682X361	$21.43	$18.21	682X362	$22.00	$18.70	682X363	$22.57	$19.19	682X365	$23.71	$20.16	682X370	$26.57	$22.59
ST/UPC-SC/UPC	2.8mm	682X421	$13.71	$11.66	–	–	–	682X423	$14.86	$12.63	682X425	$16.00	$13.60	682X430	$18.86	$16.03
LC/UPC-SC/UPC	1.8mm	682X431	$17.69	$15.03	682X432	$18.26	$15.52	682X433	$18.83	$16.00	682X435	$19.97	$16.98	682X440	$22.83	$19.40
LC/UPC-ST/UPC	1.8mm	682X293	$17.69	$15.03	682X294	$18.26	$15.52	682X295	$18.83	$16.00	682X296	$19.97	$16.98	682X297	$22.83	$19.40
LC/UPC-FC/UPC	1.8mm	682X474	$18.14	$15.42	–	–	–		–	–	–	–	–	682X478	$23.29	$19.79
SC/APC-SC/APC	2.8mm	682X813	$17.43	$14.81	682X814	$18.00	$15.30		–	–	682X816	$19.71	$16.76	682X817	$22.57	$19.19
FC/APC-FC/APC	2.8mm	–	–	–	–	–	–	682X807	$19.14	$16.27	–	–	–	–	–	–
LC/APC-LC/APC	1.8mm	–	–	–	682X747	$26.00	$22.10	682X748	$26.57	$22.59	–	–	–	–	–	–
LC/APC-SC/APC	1.8mm	682X891	$21.43	$18.21	682X893	$22.00	$18.70	682X894	$22.57	$19.19	–	–	–	682X898	$26.57	$22.59
LC/APC-FC/APC	1.8mm	–	–	–	682X858	$22.29	$18.94		–	–	–	–	–	–	–	–

FUSEConnect® MPO Field-Installable Connectors

AFL

	SPC No.	Part No.	Connector Type	Fiber Type	Housing Color	Polish	Quantity	Price Ea.
	151X218	FUSEMPO-S-SMA-3-M-6	MPO, Male	SM (OS1)	Green	APC	6/pkg.	$690.00
	151X216	FUSEMPO-S-SMA-3-F-6	MPO, Female	SM (OS1)	Green	APC	6/pkg.	$700.00
	151X214	FUSEMPO-S-MM6-3-M-6	MPO, Male	MM 62.5-µm (OM1)	Beige	PC	6/pkg.	$685.71
	151X212	FUSEMPO-S-MM6-3-F-6	MPO, Female	MM 62.5-µm (OM1)	Beige	PC	6/pkg.	$619.04
	151X210	FUSEMPO-S-OM4-3-M-6	MPO, Male	MM 50-µm (OM4)	Aqua	PC	6/pkg.	$720.00
	151X208	FUSEMPO-S-OM4-3-F-6	MPO, Female	MM 50-µm (OM4)	Aqua	PC	6/pkg.	$619.04

FASTConnect® Field-Installable Connectors and Boot Kits

	SPC No.	Part No.	Connector	Fiber Type	Housing Color	Polish	Quantity	Price Ea.
	151X514	FAST-LC-MM50L-6	LC	MM 50/125-µm (OM3/OM4)	Aqua	PC	6/pkg.	$75.80
	151X516	FAST-LC-SM-6	LC	SM (OS1)	Blue	UPC	6/pkg.	$77.20
	151X518	FAST-SC-MM50L-6	SC	MM 50/125-µm (OM3/4)	Aqua	PC	6/pkg.	$69.84
	151X520	FAST-SC-MM62.5-6	SC	MM 62.5/125-µm (OM1)	Beige	PC	6/pkg.	$69.84
	151X522	FAST-SC-SM-6	SC	SM (OS1)	Blue	UPC	6/pkg.	$77.14
	151X543	FAST-LC-MM50L-100	LC	MM 50/125-µm (OM3/OM4)	Aqua	PC	100/pkg.	$1195.11
	151X544	FAST-LC-SM-100	LC	SM (OS1)	Blue	UPC	100/pkg.	$1217.40
	151X545	FAST-SC-SM-100	SC	SM (OS1)	Blue	UPC	100/pkg.	$1216.54
	151X546	FAST-SC-SMAU-100	SC	SM (OS1)	Green	APC	100/pkg.	$1247.97
	151X547	FAST-ST-MM62.5-100	ST	MM 62.5/125-µm (OM1)	Beige	PC	100/pkg.	$1150.10
	151X510	FAST-BOOT-2MM-6	LC, SC, ST	2-mm Cordage	Black	-	6/pkg.	$5.06
	151X512	FAST-BOOT-2MM-6	LC, SC, ST	3-mm Cordage	Black	-	6/pkg.	$5.06

AFL

AFL

FUSEConnect® MPO Termination Tool Kit

➤ Tools to terminate FUSEConnect MPO splice-on connectors
➤ Includes a ribbonize tool, cord splitter tool and necessary fiber preparation tools for terminating FUSE MPO connectors

FASTConnect® Termination Tool Kit

➤ Tools to prepare MM and SM 250- or 900-µm fiber applied to pre-polished FASTConnect UPC and SC/APC connectors
➤ Includes the CT-50 cleaver, FAST SC, ST and LC assembly tools

SPC No.	Part No.	Description	Price
151X220	FUSEMPO-TL-KT	FUSEConnect MPO Tool KIt	$562.09 ea.

SPC No.	Part No.	Description	Price
151X506	CS001201	FASTConnect Termination Tool KIt	$2099.00 ea.

FUSEConnect® Field-Installable Connectors

AFL

	SPC No.	Part No.	Style	Boot Type	Fiber	Typical Loss	Type	Quantity	Price Ea.
	151X581	FUSE-SC3SMA-6	SC	3.0 mm	SM	0.15 dB	APC	6/pkg.	$99.44
	151X588	FUSE-SC9SMA-6	SC	900 µm	SM	0.15 dB	APC	6/pkg.	$82.29
	151X583	FUSE-SC3SMU-6	SC	3.0 mm	SM	0.15 dB	UPC	6/pkg.	$97.00
	151X590	FUSE-SC9SMU-6	SC	900 µm	SM	0.15 dB	UPC	6/pkg.	$80.21
	151X577	FUSE-SC3M62-6	SC	3.0 mm	MM/62.5 µm	0.10 dB	PC	6/pkg.	$90.86
	151X584	FUSE-SC9M50-6	SC	900 µm	MM/50 µm	0.10 dB	PC	6/pkg.	$75.16
	151X586	FUSE-SC9M50L-6	SC	900 µm	MM/50 µm*	0.10 dB	PC	6/pkg.	$75.16
	151X580	FUSE-LC9SMA-6	LC	900 µm	SM	0.15 dB	APC	6/pkg.	$82.66
	151X574	FUSE-LC2SMU-6	LC	2.0 mm	SM	0.15 dB	UPC	6/pkg.	$95.20
	151X582	FUSE-LC9SMU-6	LC	900 µm	SM	0.15 dB	UPC	6/pkg.	$81.11
	151X578	FUSE-LC9M62-6	LC	900 µm	MM/62.5 µm	0.10 dB	PC	6/pkg.	$79.59
	151X647	FUSE-LC2M50-6	LC	2.0 mm	MM/50 µm	0.10 dB	PC	6/pkg.	$93.39
	151X572	FUSE-LC2M50L-6	LC	2.0 mm	MM/50 µm*	0.10 dB	PC	6/pkg.	$93.39
	151X576	FUSE-LC9M50L-6	LC	900 µm	MM/50 µm*	0.10 dB	PC	6/pkg.	$79.59
	151X570	FUSE-FC9SMU-6	FC	900 µm	SM	0.15 dB	UPC	6/pkg.	$100.07
	151X661	FUSE-ST3SMU-6	ST	3.0 mm	SM	0.15 dB	UPC	6/pkg.	$99.44
	151X594	FUSE-ST9SMU-6	ST	900 µm	SM	0.15 dB	UPC	6/pkg.	$98.09
	151X663	FUSE-ST3M62-6	ST	3.0 mm	MM/62.5 µm	0.10 dB	PC	6/pkg.	$97.73
	151X592	FUSE-ST9M62-6	ST	900 µm	MM/62.5 µm	0.10 dB	PC	6/pkg.	$94.47

Laser optimized MM Fiber (LOMMF) compatible with OM3 and OM4 fibers.

Cable Clamps and Fiber Holders

SPC No.	Part No.	Description	Price
151X826	S014704	CLAMP-FC-3000 3 mm Cable Clamps	$9.00 ea.
151X828	S014705	CLAMP-FC-2000 2 mm Cable Clamps	$16.80 ea.
151X816	S014695	FH-FC-3000 3 mm Cable Fiber Holder	$276.00 ea.
151X817	S014696	FH-FC-2000 2 mm Cable Fiber Holder	$276.00 ea.
151X818	S014697	FH-FC-900 900 µm Cable Fiber Holder	$73.00 ea.
151X528	CS004442	SpliceConnect 250 µm Cable Fiber Holder	$15.00 ea.
151X530	CS004443	SpliceConnect 900 µm Cable Fiber Holder	$25.00 ea.

FUSEConnect® Tool Kit

➤ Tools and cleaning supplies to prepare 900 µm fiber, plus 3- and 2-mm cordage for installation of FUSEConnect connectors
➤ Cord splitter opens cordage for termination of ST & FC connectors

SPC No.	Part No.	Description	Price
151X564	FUSE-TL-KT	FUSEConnect Tool KIt	$1303.97 ea.

FUSEConnect® Accessory Kit

➤ Includes two simplex cordage clamps, two sheath clamps and a fiber clamp
➤ Includes 3 FuseConnect fiber holders

SPC No.	Part No.	Price
151X562	FUSE-AC-KT	$968.83 ea.

Splice

35S Fusion Splicer

➤ Prepare and load two fibers simultaneously
➤ Strips two 250 µm coated fibers in one pass
➤ Six-second splicing and 15-22 second heat time

SPC No.	Part No.	Description	Price
151X621	S018316	35S Fusion Splicer	$3265.00 ea.
151X626	S018314	35S w/CT16 Cleaver	$3765.00 ea.

AFL

S018314 includes the CT16 Precision Single Fiber Cleaver.

S018316 includes fiber stripper, fiber holders, battery pack, AC adapter and more

35S and 45S Fusion Splicer Specifications			
Applicable Fibers	Singlemode (G.652 & G.657), Multimode (G.651), DSF (G.653), NZDS (G.655)	**Arc Calibration Method**	Automatic, real-time, previous splice results when in AUTO mode, manual
Cladding Diameter	125 µm	**Splicing Modes**	Total 100 splice modes
Coating Diameter	250 µm up to 3 mm	**Result Storage**	10,000 splice results
Fiber Cleave Length	5 mm to 16 mm	**Fiber Display**	5 inch TFT color LCD with X or Y view or both X and Y view simultaneously
Typical Average Splice Loss	0.03 dB (SM), 0.01 dB (MM), 0.05 dB (DS) and 0.05 dB (NZDS)	**Magnification**	200X for single-camera view and 132X magnification for dual-camera view
Splicing Time Typical	6 sec with SM	**Viewing Method**	2 axis CMOS camera

AFL

45S Fusion Splicer

➤ Capable of simultaneous fiber preparation
➤ Provides 6-second splicing in SM FAST mode and 15-22-second heat time for 60 mm sleeves.

SPC No.	Part No.	Description	Price
151X679	S018319	45S Fusion Splicer	$3455.00 ea.
151X655	S018318	45S w/CT50 Cleaver	$4245.00 ea.

S018318 adds the CT50 Single Fiber Cleaver with Bluetooth

Splicer includes single fiber stripper, fiber holders, set plates, spare electrodes, adapter, battery pack and more.

Disposable Ribbonizing Tools

USCONEC

➤ Aid when terminating cabled loose fibers in 4/8/12/16 configurations
➤ Use to create short ribbons when using a quick cure adhesive

SPC No.	Part No.	Type	Color	Qty.	Price per Pack
846X254	15360	16-Fiber	**Green**	50/pk	1-5, $43.48 ea.; 6-up, $42.18 ea.
846X244	14316	12-Fiber	**White**	50/pk	1-5, $43.48 ea.; 6-up, $42.18 ea.
846X249	14682	8-Fiber	**Purple**	50/pk	1-5, $43.48 ea.; 6-up, $42.18 ea.
846X274	16764	4-Fiber	**Gray**	50/pk	1-5, $43.48 ea.; 6-up, $42.18 ea.

AFL

Ribbonizing Tool

➤ Use to form a temporary ribbon from loose 200 µm or 250 µm fibers
➤ Glueless process for ribbonizing and splicing 12-fiber ribbons

SPC No.	Part No.	Description	Price
151X937	S017465	RT-02 Ribbonizing Tool	$170.00 ea.
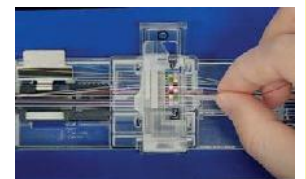
Multi-function transit case with integrated workstation holds redesigned work tray, fusion splicer and kit contents.

AFL

90R Kit adds the CT50 Cleaver & RS03 Thermal Stripper

90 Series Fusion Splicers
➤ Upgraded features including automated maintenance
➤ Wireless cleaver tracking and graphical user interface
➤ Universal sheath clamp for loose and tight buffer cable
➤ Use 90S+ Core alignment splicer on bend-insensitive fibers
➤ Use 90R mass fusion splicer on high-density ribbon cable

SPC No.	Part No.	Description	Price
151X950	S017519	90S+ Fusion Splicer	$9693.00 ea.
151X955	S017520	90S+ w/o Bluetooth	$9693.00 ea.
151X960	S017521	90S+ Kit w/CT50 Cleaver	$10806.00 ea.
151X935	S017509	90R Fusion Splicer	$13546.00 ea.
151X965	S017540	90R w/o Bluetooth	$13546.00 ea.
151X945	S017511	90R Kit w/Cleaver & Stripper	$15596.00 ea.
151X940	S017510	90R Kit w/o Bluetooth	$15596.00 ea.

CT50 Fiber Cleaver with Bluetooth
➤ One-step operation with Bluetooth enabled fusion splicer
➤ One-touch automatic blade rotation and adjustment
➤ 5 to 20 mm length with adapter plate and 10 mm with holders

SPC No.	Part No.	Description	Price
151X649	S017030	CT50 Fiber Cleaver with Bluetooth	$1171.00 ea.
151X924	S017076	CB-08 Replacement Blade	$105.00 ea.
151X932	S017335	AD-10-M24 Adapter Plate	$84.00 ea.
151X919	S017122	ARM-CT50-01 Replacement Cleaver Pads	$126.00 ea.

SPC No.	Part No.	Description	Price
151X928	S017111	FH-70-250 250-µm Coated Single Fiber Holders	$273.00 ea.
151X930	S017113	FH-70-900 900-µm Jacketed Single Fiber Holders	$273.00 ea.
151X970	SO17114	FH-70-2 2-Fiber Ribbon Fiber Holders	$273.00 ea.
151X972	SO17115	FH-70-4 4-Fiber Ribbon Fiber Holders	$273.00 ea.
151X974	SO17116	FH-70-6 6-Fiber Ribbon Fiber Holders	$273.00 ea.
151X976	SO17117	FH-70-8 8-Fiber Ribbon Fiber Holders	$273.00 ea.
151X978	SO17118	FH-70-10 10-Fiber Ribbon Fiber Holders	$273.00 ea.
151X931	SO17119	FH-70-12 Standard 12-Fiber Ribbon Holders	$273.00 ea.
151X933	SO17464	FH-70-12PC 200-µm Loose Fiber Pitch Conversion Holders	$714.00 ea.

Fiber Holders
➤ Pairs of fiber holders magnetically hold fiber in proper arrangement
➤ Pairs of fiber holders available for 250-µm and 900-µm single fiber
➤ Pairs of fiber holders available for 2-, 4-, 6-, 8-, 10- and 12-fiber ribbon

Splice

Single and Ribbon Fiber Splice Sleeves

FIBER**XP**

	SPC No.	Sleeve Length	After-Shrink Diameter	Fibers Accommodated	Outer Tube Color	Strength Member	Compatible Splice Type	Price/50pk 1-24	Price/50pk 25-up
	680X610	40 mm	2.9 mm	Up to 1.4 mm	Clear	Steel	Single-fiber	$13.00	$12.50
	680X615	60 mm	2.9 mm	Up to 1.4 mm	Clear	Steel	Single-fiber	$13.00	$12.50
	680X605	40 mm	2.5 mm	Up to 1.4 mm	Clear	Steel	Single-fiber	$13.00	$12.50
	680X600	60 mm	2.5 mm	Up to 1.4 mm	Clear	Steel	Single-fiber	$13.00	$12.50
	680X620	25 mm	2.0 mm	250 and 900 μm	Clear	Steel	Single-fiber	$13.00	$12.50
	680X630	40 mm	2.0 mm	250 and 900 μm	Clear	Steel	Single-Fiber	$13.00	$12.50
	680X625	25 mm	1.5 mm	Up to 450 μm	Clear	Steel	Single-Fiber	$13.00	$12.50
	680X635	40 mm	1.5 mm	Up to 450 μm	Clear	Steel	Single-Fiber	$13.00	$12.50
	680X640	40 mm	4.3-5.1 mm	2 thru 12 Ribbon	Clear Polished Quartz	Ceramic	Ribbon/Mass	$35.00	$33.50

F AFL

Thermal Strippers For Ribbon Fiber

➤ Connect wirelessly to a Bluetooth® enabled splicer or smartphone
➤ Strip from one to 16 fibers up to 35 mm
➤ RS02 has dc power, RS03 Li-ion battery

SPC No.	Part No. and Description	Price
151X908	S016816 RS02 Stripper	$735.00 ea.
151X914	S016817 RS03 (w/Battery)	$1150.00 ea.
151X912	S016820 ADC-09A Adapter	$105.00 ea.
151X888	S014390 ACC-09 Pwr Cord	$21.00 ea.

F AFL

FAT-04 Fiber Arrangement Tool

➤ Easy-to-use fiber arrangement method utilizing linear travel
➤ Includes ribbon forming adhesive, paste applicator blocks, cleaning swabs, clips and foam pads in a drawstring bag

SPC No.	Part No. and Description	Price
151X714	S010212 Alignment Tool	$504.00 ea.

F AFL

Portable Tripod Workstation Kit

➤ Sturdy work tray supported by tripod
➤ Can hold 11 pounds including a splicer, cleaver and extras
➤ Cleaver mount system has arm that pivots and swings

SPC No.	Part No. and Description	Price
151X830	S014773 Tripod	$562.00 ea.

F AFL

Replacement Batteries

➤ BTR-15 rechargeable Lithium-ion battery for the 90S+ and 90R splicers provides 300 splice and heat cycles per charge
➤ 31S+ and 41S+ splicer BTR-11A battery ensures 200 splices shrinks per charge

SPC No.	Part No.	Description	Price
151X969	S017512	BTR-15 Battery	$346.50 ea.
151X926	S017354	BTR-11A Battery	$315.00 ea.

F AFL

Replacement Electrodes

➤ Easily replaceable without tools
➤ Electrode life is about 5000 splices for single fiber and 1500 for ribbon splicers
➤ Use the 16B electrodes with 31S+, 41S+ and 90 splicer series and the 20A electrodes with 18, 19, 60 and 70 splicer series

SPC No.	Part No.	Description	Price
151X967	S017103	ELECT2-16B	$83.25 ea.
151X744	S013532	ELECT2-20A	$83.25 ea.

STICKLERS

Splice & Connector Cleaner

➤ Evaporative, no residue and optical grade
➤ Clean pigtails, bare and ribbon fibers
➤ Nontoxic, nonflammable and static dissipative, so not regulated for transport

SPC No.	Part No.	Description	Price
213X850	MCC-POC03M	3-oz Spray	$17.25 ea.
213X855	MCC-POC10M	10-oz Spray	$40.34 ea.

SPC870 Basic Fiber Installer Kit

➤ Includes tools to remove sheaths, cut strength members, strip cable and install equipment during fiber optic cable installation, maintenance and termination
➤ Durable high-density black polyethylene case with bumpers

SPC No.	Description	Price
SPC870	Fiber Optic Installer Kit	1-5, $1122.00 ea.; 6-up, $1066.00 ea.
082X934	9" Black Tool Case Only	1-5, $343.00 ea.; 6-up, $326.00 ea.

SPC855 Anaerobic Fiber Optic Termination Kit

➤ Includes polishing pad, film and puck, shears, strippers, crimper, scope, wipes, safety glasses, cleaning solvent, adhesive and primer
➤ Durable 23-pocket 12" BigMouth bag with 17 pockets inside and six outside, reinforced bottom, padded reinforced web carrying handles

SPC No.	Part No. and Description	Price
SPC855	Anaerobic Fiber Termination Kit	1-5, $671.00 ea.; 6-up, $638.00 ea.
111X161	1161 BigMouth Bag Only	1-11, $30.11 ea.; 12-up, $28.60 ea.

Epoxy Connectors with Zirconia Ceramic Ferrules

➤ Connectors using quick and slow cure epoxy termination are permanently bonded for reliable performance
➤ Available in singlemode and multimode, metal or plastic housings, UPC and APC, in a variety of connector styles

FIBER XP

	SPC Number	Style	Fiber Size	Typical Loss	Boot Size	Boot Housing	Color	Price Each 1-49	Price Each 50-up
	682X702	ST SM Simplex Connector	126 µm	< 0.3dB	3 mm	Metal	Yellow	$2.11	$1.79
	682X704	ST MM Simplex Connector	128 µm	< 0.5 dB	3 mm	Metal	Black	$1.69	$1.43
	682X712	SC SM Simplex Connector	126 µm	< 0.3dB	3 mm	Plastic	Blue	$2.25	$1.91
	682X714	SC MM Simplex Connector	128 µm	< 0.5 dB	3 mm	Plastic	Beige	$1.83	$1.55

SPCToolKits

Fiber Preparation Kit

➤ Items in the kit are used to prepare fibers for cleaving, splicing or connector termination
➤ Contents are organized in a 12" BigMouth bag

SPC No.	Description	Price
SPC912	Fiber Preparation Kit	1-5, $286.00 ea.; 6-up, $272.00 ea.

CORNING

Fibrlok® Splice Organizer Tray

➤ Stores up to 24 Fibrlok splices and their respective buffer tubes and fibers
➤ Maintains a 4" minimum bend diameter in each stackable tray

SPC No.	Part No. and Description	Price
599X524	2524 Fibrlok Splice Organizer Tray	$57.63 ea.
599X529	2529 Fibrlok II Universal Splice	1-9, $14.06 ea.; 10-up, $13.71 ea.

FIBER XP

Epoxy Bi-Pack

➤ Quick-cures at 176° in 15 min
➤ Dispense into connectors with 3-cc syringe w/ .9-mm needle

SPC No.	Part No. and Description	Price
721X351	HCE-4G Heat Cure Epoxy, 4 grams	$4.62 ea.
721X095	501473-3IR Syringe and Needle	1-24, $0.31 ea.; 25-up, $0.29 ea.

Adhesive

Primer

Anaerobic Primer and Adhesive

➤ Primer activates adhesives
➤ Adhesive cures in cylindrical joints
➤ Use on anaerobic connections

SPC No.	Part No.	Description	Price
721X085	7649	Anaerobic Primer	1-24, $30.39 ea.; 25-up, $28.87 ea.
721X080	680	Adhesive Hardener	1-24, $19.62 ea.; 25-up, $18.63 ea.

Anaerobic Connectors

FIBER XP

				Price Each	
SPC No.	Part No.	Style	Type	1-24	25-up
721X166	AC-1066	ST	MM	$3.46	$3.29
721X168	AC-3066	SC	MM	$3.85	$3.65
721X170	AC-5066	LC	MM	$3.46	$3.29

Fiber Optic Scribes

SPC No.	Part No.	Description	Tip	Blade	Price
024X033	DS-90-W	Miller® "Scratch and Pull" Fiberoptic Scribe	90° wedge	Diamond	$114.56 ea.
024X031	DS-60-C	Miller "Scratch and Pull" Fiberoptic Scribe	60° cone	Diamond	$54.90 ea.
024X027	CS-30-W	Miller Scribe with "Squeeze and Pull" Cap	30° wedge	Carbide	$51.91 ea.

SPC No.	Part No.	Description	Tip	Blade	1-11	12-up
370X288	45-357	Ideal DualScribe™ with Double-Ended Blade	30° single bevel	Ruby	$43.43 ea.	$41.26 ea.
370X289	45-358	Ideal DualScribe with Double-Ended Blade	30° single bevel	Sapphire	$43.43 ea.	$41.26 ea.
370X290	45-359	Ideal DualScribe with Double-Ended Blade	30° single bevel	Carbide	$65.22 ea.	$65.22 ea.

MILLER®

Polishing Pucks

➤ Coated aluminum disks hold connectors in place while polishing

SPC No.	Part No.	Size	Price
170X015	PA1920-1	2.5-mm	$22.93 ea.
170X893	PA1926-1	1.25-mm	$17.84 ea.

SC/FC

Polishing Kit

➤ Items to polish ferrules of hot melt, epoxy or epoxyless connectors
➤ Plate, pad, pucks, film and wipes

SPC No.	Part No.	Price
024X196	PK2000	$166.56 ea.

CORNING

Anaerobic Connector Installation Kits

➤ Install, maintain and terminate up to 500 anaerobic connectors
➤ Consumables "C" kit replenishes materials

SPC No.	Part No. and Description	Price
745X757	TKT-ANAEROBIC2 Kit	1-5, $3365.94 ea.; 6-up, $3281.79 ea.
745X759	TKT-ANAEROBIC2-C Kit	1-5, $497.24 ea.; 6-up, $484.81 ea.

FIBER XP

Lapping Film

➤ Polish connectors for consistent tip finish for efficient transmission
➤ Three-stage process with 5-, 1- and .3-µm film gives optimum polish

SPC No.	Description	Price/25pk
721X105	.3-µm Aluminum Oxide White Lapping Film	$35.00 ea.
721X110	1-µm Aluminum Oxide Green Lapping Film	$19.63 ea.
721X125	5-µm Silicon Carbide Black Lapping Film	$18.23 ea.
721X130	9-µm Aluminum Oxide Blue Lapping Film	$17.46 ea.
721X135	12-µm Aluminum Oxide Olive Lapping Film	$17.46 ea.
721X140	15-µm Silicon Carbide Gray Lapping Film	$17.46 ea.

TKT-ANAEROBIC2 & TKT-ANAEROBIC2-C Tools List

200X Scope w/ 2.5 APC	Plate, 6 x 6 Assembly, 2	*Film, .02-, .3-, 3-, 12-µm, 5/pk
Elec. Notch Scissors, 5"	Univ. Adapter, 1.25 mm	*Syringes, 2 and Tips, 20
Tweezers	Rubber Pads 5", 3	*Adhesive and Primer, 2
Plastic Bottle, 2 oz.	LC Hand Puck	*Fiber Wipes and Alcohol Wipes
Plastic Box, Clear	Crimp Tools, 2	*Fiber Cleaning Fluid
Spiral Wrap, ⅛" OD	Fiber Wire Strippers, 2	*Gauges, 2
Compressed Air, 5 oz.	Ruby Scribe w/Rev. Blade	*Sharpie and AAA Batteries
Univ. Polishing Pucks, 2	Razor Blades, 3	*Also in Consumables Kit

CORNING

CORNING

High-Performance Flat Cleaver

➤ For reliable, fast and easy UniCam connector installation

➤ Diamond blade consistently cleaves 250µm or 900µm fibers

SPC No.	Part No. and Description	Price
745X716	FBC-007 High-Performance Flat Cleaver	1-2, $1233.36 ea.; 3-up, $1202.52 ea.
745X358	FBC-14-15-16-BLADE Replacement Kit	1-5, $481.45 ea.; 6-up, $469.41 ea.

CORNING

Cable Furcation Kit

➤ For installation of OptiSnap connectors onto flat drop and ROC™ cable

➤ Offers flexible fiber routing

SPC No.	Part No. and Description	Price
745X352	FAN-BT24-01-ROC Cable Furcation Kit	1-11, $20.25 ea.; 12-up, $19.75 ea.

OptiSnap™ High-Performance Connector Tool Kit

➤ Strip, clean, angle cleave, cam and crimp UPC and APC Optisnap singlemode connectors

➤ Flat cleaver, installation tool, fiber preparation and cleaning supplies

SPC No.	Part No. and Description	Price
745X768	TKT-OPTISNAP-CF Installation Kit	1-2, $2522.69 ea.; 3-up, $2459.62 ea.

OptiSnap® Singlemode Connectors

➤ Typical loss of 0.2 dB for UPC and 0.4 dB for APC connectors

➤ Additional connector styles and packaging options available

CORNING

Connector	Pack of 25	SPC No.	Part No.	Style	Polish	Reflectance	Cable	Color	1-up	Empty Field!
		745X500	OSNP-LCU-900	LC	UPC	-55 dB Typical	900 µm	Blue	$20.13 ea.	$19.63 ea.
		745X502	OSNP-LCU-900-Z						$528.43 pack	$515.22 pack
		-	–	SC	APC	-60 dB Typical	250 µm	Green	–	–
		745X506	OSNP-SCA-250-Z						$571.54 pack	$557.25 pack
		745X508	OSNP-SCA-900	SC	APC	-60 dB Typical	900 µm	Green	$20.84 ea.	$20.31 ea.
		745X510	OSNP-SCA-900-Z						$546.91 pack	$533.24 pack
		745X512	OSNP-SCU-250	SC	UPC	-55 dB Typical	250 µm	Blue	$21.31 ea.	$20.78 ea.
		745X514	OSNP-SCU-900-Z						$559.75 pack	$545.75 pack
		745X516	OSNP-SCU-900	SC	UPC	-55 dB Typical	900 µm	Blue	$19.37 ea.	$18.89 ea.
		745X518	OSNP-SCU-900-Z						$508.87 pack	$496.14 pack
		-	–	ST	UPC	-55 dB Typical	900 µm	Amber	–	–
		745X522	OSNP-STU-900-Z						$484.63 pack	$472.51 pack

CORNING

UniCam®
Installation Kit

➤ Tools to terminate all single-fiber Unicam connector styles

➤ SC, LC and ST multimode connectors achieve optical specifications

SPC No.	Part No. and Description	Price
TKT-UNICAM	UniCam Tool Kit	$1245.00 ea.
745X803	TL-UCO1 Installation Tool Only	1-5, $658.73 ea.; 6-up, $642.26 ea.
686X901	VFL-680 2.5mm VFL Only	$129.00 ea.

TKT-UNICAM Tools List		
UniCam® Connector Elite™ Installation Tool	Corning Wipes Fiber Cleaning Fluid	Tweezers Permanent Marker
UniCam Crimp Tool	2 each of SC/ST/LC CTS Adapters	Electrician's Tape Adhesive Anvil Strips, 7
Fiber Stripper	ST-SC Simplex Patch	Strip Length Gauge
Jacket Stripper	Cord, 1 meter	Quick Start Guide
FBC-002 Score and Snap Fiber Cleaver	LC-ST Simplex Patch Cord, 1 meter	Installation Guide (SRP)
Electrician's Scissors		

UniCam®
Installation
Kit with Visual
Fault Locator

➤ Includes VFL for visual feedback when terminating

➤ Terminate all single-fiber Unicam connector styles including SC, LC and ST

SPC No.	Part No. and Description	Price
TKT-UNICAM-CTS-SF	Kit w/VFL	1-2, $1508.00 ea.; 3-up, $1471.00 ea.
745X815	VFL-AKIT VFL Adapter Kit	1-5, $123.07 ea.; 6-up, $120.00 ea.

TKT-UNICAM-CTS-SF Tools List		
UniCam Connector Elite™ Installation Tool	Electrician's Scissors Number Marker	2 each LC-ST Simplex Patch Cords, 1 meter
UniCam Crimp Tool	Tweezers	Permanent Marker
Fiber Stripper	Corning Wipes	Electrician's Tape
Jacket Stripper	Fiber Cleaning Fluid	Black Adhesive Anvil Strips, 7
FBC-002 Score and Snap Fiber Cleaver	3 ea of SC/ST/LC CTS Adapters 2 each ST-SC Simplex	Strip Length Gauge Quick Start Guide
VFL w/2.5 mm Interface	Patch Cords, 1 meter	Instruction Video

CORNING

UniCam®
High-Performance Installation Kit

➤ Tools for termination of multimode and singlemode LC, SC and ST Unicam connector styles

➤ High-performance installation tool has integrated CTS

➤ Replaces TKT-UNICAM-PFC2 Kit

SPC No.	Part No. and Description	Price
745X800	TKT-UNICAM-PFC Kit	$1999.00 ea.
686X901	VFL-680 2.5mm VFL Only	$129.00 ea.

TKT-UNICAM-PFC Tools List	
UniCam® High-Performance Installation Tool with Integrated CTS	SC/ST 2.5-mm Ferrule Adapter LC 1.25-mm Ferrule Adapter
High Performance Precision Flat Cleaver	1.5-mm Ferrule Cleaning Sticks, 10/pk
Electrician's Scissors with Notches, 5"	2.5-mm Ferrule Cleaning Sticks, 10/pk
Wire Fiber Stripper, 6"	Plastic Refuse Container
Three-Hole Jonard Tool Fiber Stripper (for 900- and 250-µm fiber)	Corning Wipes Package Corning Fiber Cleaning Fluid Bottle
Retractable Permanent Marker	

UniCam®
OM3/OM4 Connectors

CORNING

➤ Use with 50-µm multimode fiber for fast field-termination

➤ High-precision zirconia ceramic ferrules with 0.1 dB typical loss

➤ Telecordia GR-326 end-faces and laser-cleaved, pre-stubbed fibers

	SPC No.	Part No.	Style	1-11	12-up
	745X204	95-050-41-X	SC	$21.00	$20.48
	745X197	95-050-99-X	LC	$20.81	$20.29
	745X195	95-050-51-X	ST	$21.00	$20.48

UniCam®
OS2 Singlemode Connectors

➤ Composite ferrules and housings

➤ APC insertion loss is 0.75 dB and UPC is 0.5 dB

➤ Terminate 25 connectors per pack of components

	SPC No.	Part No.	Style	1-5	6-up
	745X154	95-200-44-Z	SC/APC	$593.69	$578.84
	745X158	95-200-99-Z	LC/UPC	$596.78	$581.86
	745X156	95-200-94-Z	LC/APC	$641.67	$625.63

TKT-UNICAM Connectors

CORNING

	SPC No.	Part No.	Style	Fiber Size	Ferrule	Typical Loss	Type	1-11	12-up
	721X304	95-000-50	ST	62.5/125 µm	Ceramic	0.3 dB	Multimode	$15.12 ea.	$14.74 ea.
	721X306	95-050-50	ST	50/125 µm	Ceramic	0.3 dB	Multimode	$15.40 ea.	$15.02 ea.
	721X312	95-000-51	ST	62.5/125 µm	Ceramic	0.1 dB	Multimode	$19.37 ea.	$18.89 ea.
	721X322	95-200-51	ST	8.3/125 µm	Ceramic	0.2 dB	Singlemode	$22.15 ea.	$21.60 ea.
	721X302	95-000-41	SC	62.5/125 µm	Ceramic	0.1 dB	Multimode	$19.03 ea.	$18.55 ea.
	721X320	95-200-41	SC	8.3/125 µm	Ceramic	0.2 dB	Singlemode	$22.66 ea.	$22.09 ea.
	721X300	95-000-40	SC	62.5/125 µm	Ceramic	0.3 dB	Multimode	$15.13 ea.	$14.76 ea.
	721X316	95-050-41	SC	50/125 µm	Ceramic	0.1 dB	Multimode	$20.42 ea.	$19.91 ea.
	721X310	95-000-99	LC	62.5/125 µm	Ceramic	0.1 dB	Multimode	$20.70 ea.	$20.18 ea.
	721X318	95-050-99	LC	50/125 µm	Ceramic	0.1 dB	Multimode	$20.64 ea.	$20.13 ea.
	721X326	95-200-99	LC	8.3/125 µm	Ceramic	0.2 dB	Singlemode	$24.84 ea.	$24.21 ea.
	745X219	95-200-94	LC/APC	125 µm	Ceramic	0.4 dB	Singlemode (OS2)	$26.19 ea.	$25.54 ea.

Anaerobic Installation Kits available at www.specialized.net

TKT-ANAEROBIC Connectors

	SPC No.	Part No.	Style	Fiber Size	Ferrule	Typical Loss	Type	1-11	12-up
	745X190	95-051-61-SP	FC	50 µm	Ceramic	.2 dB	Multimode	$6.84 ea.	$6.66 ea.
	745X194	95-101-61-SP	FC	62.5 µm	Ceramic	.2 dB	Multimode	$6.84 ea.	$6.66 ea.
	745X199	95-201-61-SP	FC	8.3/125 µm	Ceramic	.2 dB	Singlemode	$13.99 ea.	$13.64 ea.
	745X208	95-051-52-SP	ST	50 µm	Ceramic	.2 dB	Multimode	$7.84 ea.	$7.64 ea.
	745X214	95-101-52-SP	ST	62.5 µm	Ceramic	.2 dB	Multimode	$7.84 ea.	$7.64 ea.
	745X220	95-201-52-SP	ST	8.3/125 µm	Ceramic	.2 dB	Singlemode	$13.99 ea.	$13.64 ea.
	745X206	95-051-41-SP	SC	50 µm	Ceramic	.2 dB	Multimode	$7.84 ea.	$7.64 ea.
	745X212	95-101-41-SP	SC	62.5 µm	Ceramic	.2 dB	Multimode	$7.84 ea.	$7.64 ea.
	745X218	95-201-41-SP	SC	8.3/125 µm	Ceramic	.2 dB	Singlemode	$13.99 ea.	$13.64 ea.
	745X210	95-051-98-SP	LC	50 µm	Ceramic	.2 dB	Multimode	$8.16 ea.	$7.96 ea.
	745X216	95-101-98-SP	LC	62.5 µm	Ceramic	.2 dB	Multimode	$8.16 ea.	$7.96 ea.
	745X222	95-201-98-SP	LC	8.3/125 µm	Ceramic	.2 dB	Singlemode	$14.34 ea.	$13.98 ea.

Connector Cleaning Tools

➤ Dry cloth tools clean common single fiber connectors residing in adapters, faceplates and bulkheads
➤ Push-action, 180° rotation and audible click process
➤ Each unit provides over 525 cleanings

IBC™ BRAND CLEANER

SPC No.	Part No. and Description	Price
846X900	9392 Cleaner, SC/ST/FC/E2000	$50.87 ea.
846X905	9393 Cleaner, LC/MU	$50.87 ea.

QUICKCLEAN Fiber Optic Cleaners

FLUKE networks.

SPC No.	Part No. and Description	Price
044X543	QUICKCLEAN-2.5 Cleaner 2.5 mm for SC/ST/FC, 1 ea.	$83.23 ea.
044X545	QUICKCLEAN-2.5 Cleaner 2.5 mm for SC/ST/FC, 5-pk.	$416.87 ea.
044X542	QUICKCLEAN-1.25 Cleaner 1.25 mm for LC/MU, 1 ea.	$83.23 ea.
044X540	QUICKCLEAN-1.25 Cleaner 1.25 mm for LC/MU 5-pk.	$416.87 ea.

One-Click® Connector Cleaners

AFL

➤ Mechanical action for effective cleaning and automatic advance
➤ Units provide up to 500 cleanings and tip adjusts from 1.77" to 3.15"

SPC No.	Part No. and Description	Price
812X176	8500-05-0001MZ Cleaner, 2.5 mm for SC/ST/FC	$61.55 ea.
812X178	8500-05-0002MZ Cleaner, 1.25 mm for LC/MU	$61.55 ea.

AFL

Mini-100 Compact Connector Cleaners

➤ Same clean in an economical compact size for field technicians
➤ Each 4¾" unit delivers 100 cleanings

SPC No.	Part No. and Description	Price
812X185	8500-05-0005MZ Mini-100, 2.5 mm for SC/ST/FC	$35.30 ea.
812X187	8500-05-0006MZ Mini-100, 1.25 mm for LC/MU	$35.30 ea.

HUXCleaner™ In-Adapter Ferrule Cleaners

TheFibers™ CREATIVE FIBERS

➤ Economical pocket-sized pens feature advanced cleaning fiber
➤ Each pen-type cleaner provides 500 cleanings

SPC No.	Part No. and Description	Price
952X200	HUXCleaner2.5, SC/ST/FC/2.5 mm	1-9, $42.00 ea.; 10-up, $40.00 ea.
952X100	HUXCleaner1.25, LC/MU/1.25 mm	1-9, $45.00 ea.; 10-up, $43.00 ea.

Ferrule Mate™ End Face Cleaners

➤ Use on PC/APC ferrules in adapters & on single connector endfaces
➤ Each unit provides over 300 cleanings

SPC No.	Part No. and Description	Price
721X250	SFM-250, 2.5 mm for SC/ST/FC	1-5, $60.77 ea.; 6-up, $57.73 ea.
721X249	SFM-125, 1.25 mm for LC/MU	1-5, $60.77 ea.; 6-up, $57.73 ea.

CleanClicker™ 400 Compact 1.25 mm Cleaner

STICKLERS

➤ Cleans 1.25-mm based connector systems plus MU, LC/UPC and LC/APC in adapter and cable assemblies in tight spaces
➤ Compact cleaner provides over 400 cleanings

SPC No.	Part No. and Description	Price
213X203	MCC-CCM125 CleanClicker, 1.25 mm for LC/MU	$74.69 ea.

Durable water resistant polyester tool bag

Fiber Cleaning Kit

➤ Kit has 2.5-mm and 1.25-mm cleaners for SC, FC, ST, LC & MU connectors
➤ Fiber-Wash MX pen is a precision cleaner
➤ XtremeClean500 cassette-style cleaner works with most connectors

SPC No.	Part No. and Description	Price
682X961	FXP-CLEANING 3 Cleaning Kit	1-5, $191.00 ea.; 6-up, $182.00 ea.

FIBER XP

Water-resistant Cordura GI mechanics bag

Basic Fiber Cleaning Kits

➤ Kits have 2.5 & 1.25-mm pen-style and the cassette-style cleaners
➤ Other items include apertured wipers for splice prep plus AFL connector cleaner and prep fluid
➤ Kit 2 adds inspection microscope with 2.5-mm & 1.25-mm adapters

SPC No.	Part No. and Description	Price
682X984	FXP-CLEANING 1 Basic Kit	1-5, $248.00 ea.; 6-up, $236.00 ea.
682X985	FXP-CLEANING 2 Kit w/Scope	1-5, $361.00 ea.; 6-up, $343.00 ea.

Clean

Fiber Cleaning Pens

➤ Simple option for consistent and effective cleaning of connectors in adapters and exposed ferrules

➤ Precise push-style mechanical action with an audible click, automatically advances fresh cleaning tape for each use

➤ Optical grade cleaning cloths are enclosed in a hard case with a cap and are highly effective at removing oils and dust contaminants

	SPC No.	Part No.	Description	Connector Types	Price
AFL	716X062	8500-05-0030MZ	Cleaner MPO tool cleans MPO and MTP® multi-fiber connectors in high density optical networks. 500 cleanings per tool.	MPO and MTP® exposed connectors and connectors in adapters	$64.20 ea.
USCONEC	846X710	7104	MTP® MPO tool cleans fiber arrays in bulkhead, card edge, backplane or unmated cable assembly. 525 cleanings per tool.	Male, female, flat polished MM, and 8° angled SM MT ferrules	$80.80 ea.
AFL	812X189	8500-05-0007MZ	Ultra 2.5-mm tool with enlarged cleaning area cleans connectors on jumpers and in adapters. 500 cleanings per tool	Up to a 2 mm diameter of the connector endface on ST, SC and FC connectors	$73.85 ea.
USCONEC	846X140	12910	1.25-mm tool cleans single fiber connectors in adapters, faceplates or bulkheads. 525 cleanings per tool.	Outdoor and harsh environment 1.25-mm connectors	$68.00 ea.
	846X242	14303	LC^2 tool cleans duplex LC connectors in bulkhead adapters and unmated cable assemblies. 1050 cleanings per tool.	Duplex LC connectors with PC and APC polishes	$88.50 ea.
	846X202	13310	M250 tool cleans 2.5-mm single fiber connectors in harsh environments with large surface areas. 525 cleanings per tool.	PC/APC polished 2.5-mm – SC, ST, FC, E2000 and OptiTap®	$68.00 ea.
	846X160	12926	M20 tool cleans SMPTE and MIL/COTS 2.0-mm connectors in adapters, faceplates or bulkheads. 525 cleanings per tool.	SMPTE 304M, SMPTE 358M and MIL PRF 28876 2.0-mm	$68.00 ea.
	846X912	9959	HBMT-EN extended nozzle tool has a 14" reach to clean backplane and card edge connectors. 525 cleanings per tool.	Multimode MPO & Molex HBMT connectors, M/F MT ferrules	$125.36 ea.
	846X260	15546	MT38 II cleans fiber arrays on MT based M38999 and other hardened connectors. 525 cleanings per tool.	MT based M38999 connectors, M/F, flat/angled MT ferrules	$87.00 ea.
	846X200	13309	M16 tool cleans 1.6 mm plug and socket terminations of M38999 connectors. 525 cleanings per tool.	Harsh environment MT based M38999 1.6-mm plugs and sockets	$68.00 ea.
JONARD TOOLS	054X204 054X209 054X205	FCC-120 FCC-125 FCC-250	These ESD-safe ferrule end face cleaners clean deep into the contact area of a bulkhead adapter or connectors. FCC-120 gives 500 cleanings per tool. FCC-125/250 give 800 cleanings per tool.	MPO connectors LC/MU connectors SC/ST/FC connectors	$86.95 ea. $65.95 ea. $65.95 ea.
STICKLERS	213X120 213X110	MCC-CCU250 MCC-CCR250	CleanClicker™ 750 tool is a 2.5-mm cleaner for high-volume applications. Blue CleanClicker 750 is the replacement cartridge. 750 cleanings per cartridge.	SC, FC, ST and E2000 UPC/APC connectors Refill cartridges come 2/package	$78.01 ea. $127.13 ea.
	213X115 213X105	MCC-CCU125 MCC-CCR125	CleanClicker™ 750 tool is a 1.25-mm cleaner for high-volume applications. Green CleanClicker 750 is the replacement cartridge. 750 cleanings per cartridge.	LC and MU UPC/APC connectors Refill cartridges come 2/package	$78.01 ea. $127.13 ea.
STICKLERS	213X100	MCC-CCMPO	CleanClicker™ 600 keyless tool for MPO/MTP multifiber connectors in high-density applications. 600 cleanings per tool.	Male and female MPO and MTP multifiber connectors	$88.49 ea.

Clean

OPTIPOP

Clean

Ultra-clean micro-fiber cloth captures contamination in a single pass

Features
Anti-Static
Material

Each tape reel of anti-static cleaning cloth gives over 400 connector cleanings
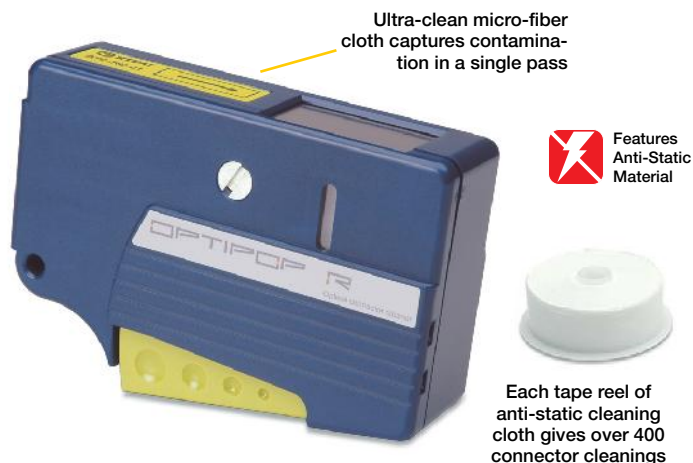
OPTIPOP R Cassettes
➤ All components are manufactured with antistatic materials
➤ One squeeze of the ergonomic lever advances and exposes clean fabric
➤ Dry cloth does not leave any residue

SPC No.	Part No.	Description	Price Each
846X338	6338	For all single fiber and female MT ferrule connectors	$79.71
846X339	6339	For male MTP/MPO connectors with pins	$80.00
846X340	6340	For male MT-RJ connectors with pins	$80.00
846X437	6437	Two slots for LC duplex connectors	$80.00
846X232	6232	Cleaning Cloth Replacement Reel, 1 ea.	$20.75

CLETOP

2µm fiber weave dry cloth lifts dirt via capillary action & traps it in micro pockets

SPC No.	Description	Part No./Connector Types	Price Ea.
716X074	Type A Blue tape	8500-10-0027MZ SC, FC, ST, D4 (Single 2.5 mm)	$111.00
719X500	Type A White tape	8500-10-0011MZ SC, FC, ST, D4 (Single 2.5 mm)	$111.00
716X076	Type B Blue tape	8500-10-0028MZ SC, SC2, FC, ST, DIN, D4, MU, LC, MT, MPO/MTP, MT-RJ	$111.00
716X078	Type B White tape	8500-10-0014MZ SC, SC2, FC, ST, DIN, D4, MU, LC, MT, MPO/MTP, MT-RJ	$111.00
716X050	MT-RJ White tape	8500-10-0032MZ MT-RJ with pins	$123.00
716X052	MPO/MTP White tape	8500-10-0033MZ MPO/MTP with pins	$123.00
719X700	Blue tape Repl. Reel	8500-10-0012MZ Coarse-weave	$29.00
716X080	White tape Repl. Reel	8500-10-0015MZ Fine-weave	$29.00

Coarse-weave and fine-weave tape reels give over 400 connector cleanings

Cletop® Classic Cassette Cleaners
➤ Replaceable tape reels make for economical cleaning
➤ Excellent anti-static properties for static sensitive use
➤ Effectively remove oil, grease and dust from ferrules

Each tape gives over 400 consistent cleanings without using IPA alcohol

CLETOP

Features
Anti-Static
Material

New tape design allows them to simply drop into the cassette cases

SPC No.	Description	Part No./Connector Types	Price Ea.
716X082	Type SA Blue tape	8500-10-0020MZ SC, FC, ST, D4 (Single 2.5 mm)	$95.50
716X084	Type SB Blue tape	8500-10-0029MZ SC, SC2, FC, ST, DIN, D4, MU, LC, MT, MPO/MTP, MT-RJ	$95.50
151X600	Type SB White tape	8500-10-0016MZ SC, SC2, FC, ST, DIN, D4, MU, LC, MT, MPO/MTP, MT-RJ	$95.50
716X088	Blue tape Repl. Cartridge	8500-10-0021MZ Coarse-weave	$29.00
151X612	White tape Repl. Cartridge	8500-10-0017MZ Fine-weave	$29.00

Cletop-S® Cassette Cleaners
➤ Slide open lock for easy access to replacement cartridges
➤ Central push button for both right and left handed use
➤ Both the tapes and cartridges are made of anti- static material

Clean

JONARD TOOLS

Features Slide-Guide™ connector holder and automatic "Clean and Advance" tape technology

Universal Fiber Cleaner
➤ Durable palm-sized unit made of ESD anti-static material with non-woven cloth
➤ Clean simplex PC/APC FC, SC, ST, LC & MU, duplex LC/PC & MU/PC connectors
➤ Over 500 cleanings per cleaner

SPC No.	Part No. and Description	Price
054X212	FCC-300 Universal Fiber Cleaner	1-5, $68.95 ea.; 6-up, $65.50 ea.

Squeeze gray handle to automatically expose the cleaning slot and wipe in the direction of the arrow

XtremeClean500
➤ Clean dust, oil, particles and alcohol from most connectors
➤ Reel of dry lint-free anti-static micro-fiber gives 500+ cleans
➤ Window in housing displays remaining cleaning times

FIBER XP

SPC No.	Description	Price
952X770	XtremeClean500	1-24, $38.50 ea.; 25-up, $36.60 ea.
952X766	XC500REEL Replacement Reel	1-24, $15.40 ea.; 25-up, $14.65 ea.

AFL

CCT Fiber Optic Cleaning Tips
➤ Connector Cleaning Tips (CCT) conform to fiber end-faces in order to trap contaminants and wick away cleaning solvents
➤ Double-ended tips are color-coded, offer two cleans each and work with FCC2 cleaning fluid
➤ Three styles include CCTS socket, CCTP universal pin, plus CCTX socket and pin type

SPC Number	Part Number	Connector Type	Tube Color	Tips/Tube	Price
812X625	CCTS-25-0900MZ	SC, ST, FC	Blue	40	$48.00 ea.
812X615	CCTS-12-0900MZ	LC, MU	Green	40	$48.00 ea.
812X620	CCTS-16-0900MZ	MT-RJ	Orange	40	$48.00 ea.
812X610	CCTP-25-0900MZ	1.25 mm, 2.5 mm	Yellow	20	$24.00 ea.
812X630	CCTX-MT-0900MZ	MT	Pink	20	$24.00 ea.

STICKLERS

CleanStixx™ Fiber Optic Connector Cleaning Sticks
➤ High-purity tips mechanically scrub end face connectors in mating sleeves or receptacle contact areas in high-speed networks
➤ Tips spin off center allowing them to spread and gently conform to any end-face geometry
➤ Color-coded CleanStixx come in six sizes for different applications plus in two combo packs

SPC Number	Part Number	Connector Type	Tube Color	Tips/Pack	Price
213X860	MCC-S12	1.25 mm LC, MU	Green	50	$34.49 ea.
213X135	MCC-EB12	Expanded Beam	Purple	50	$34.82 ea.
213X870	MCC-S25	2.5 mm SC, ST, FC	Blue	50	$34.49 ea.
213X925	MCC-XMT	MPO, MTP	Pink	50	$47.47 ea.
213X845	MCC-P25	Pin Termini, Male MPO	Yellow	50	$34.32 ea.
213X865	MCC-S16	1.6 mm, 2.0 mm	Orange	50	$34.49 ea.
213X890	MCC-VM	Military Mix	Multi	50	$34.49 ea.
213X895	MCC-VS	Commercial Mix	Multi	50	$34.49 ea.

HellermannTyton

Fiberclean
➤ Lint-free non-woven film removes contaminants from fiber and ferrule end-faces
➤ Perform 3 figure-8 strokes per connector
➤ Strip cleans 6 connectors for 400+ cleans

SPC No.	Part No. and Description	Price
091X101	FO1 Fiberclean System	$27.12 ea.
091X099	FO1 Refill Cartridge	$20.13 ea.
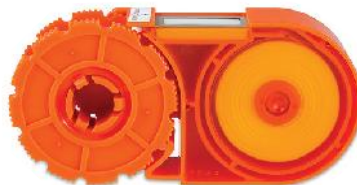
MPO Cassette CleanClicker™
STICKLERS
➤ Has micro-woven lint-free ribbon & anti-static cassette with manual advance wheel
➤ Cassettes have 40' ribbon for 400+ cleans
➤ Clean male or female MPO connectors

SPC No.	Part No. and Description	Price
213X125	MCC-CCWMT Male MT	$49.03 ea.
213X130	MCC-CCWRC Female MPO	$49.03 ea.

FIBER XP

Universal Connector Cleaner
➤ Remove contaminants with two swipes
➤ Made with lint-free clean-room grade cloth
➤ Each strip cleans six connectors and cartridge contains 20' of tape

SPC No.	Part No. and Description	Price
721X184	UCC-700 Universal Connector Cleaner	1-24, $14.38 ea.; 25-up, $13.67 ea.

Clean

STICKLERS

FTTA & FTTH Fiber Optic Cleaning Kits

➤ Use the 1.25 FTTA kit when installing fiber to the antenna systems on mobile networks
➤ Use the 2.5 FTTH kit when installing the network in the field

MCC-FK-FTTA

SPC No.	Part No. and Description	Price
213X145	MCC-FK-FTTA 1.25 mm Kit, 1500+ Cleanings	$243.35 ea.
213X150	MCC-FK-FTTH 2.5 mm Kit, 1800+ Cleanings	$230.84 ea.

High Volume Fiber Optic Cleaning Kits

➤ Optimized for enterprise & general installations
➤ FK12 has a cassette cleaner and the FK08 has a box of wipes
➤ Rugged orange carry bag

MCC-FK12

SPC No.	Part No. and Description	Price
213X165	MCC-FK08 High-Volume Kit, 2300+ Cleanings	$302.41 ea.
213X170	MCC-FK12 Heavy-Duty Kit, 2300+ Cleanings	$331.04 ea.

NFC-KIT-CASE

Fiber Optic Cleaning Kits

➤ Kits include cleaning cube, wipes, cards, pen and swabs
➤ Kit with the rugged case has additional supplies

SPC No.	Part No. and Description	Price
044X517	NFC-KIT-BOX Fiber Optic Cleaning Kit	$114.83 ea.
044X514	NFC-KIT-CASE Fiber Optic Cleaning Kit with Case	$244.14 ea.
044X521	NFC-CUBE Cleaning Cube with Wipes	$53.07 ea.
044X519	NFC-CARDS-5PK Five-Pack Cleaning Cards	$33.77 ea.
044X523	NFC-SOLVENTPEN Fiber Optic Cleaning Pen, 9-Gram	$21.22 ea.
044X525	NFC-SWABS-1.25MM LC/MU 1.25 mm Swabs (25)	$42.45 ea.
044X526	NFC-SWABS-2.5MM SC/ST 2.5 mm Swabs (50)	$35.70 ea.

MCC-FK05

MCC-FK03

Standard Fiber Optic Cleaning Kits

➤ Kits contain cleaning fluid, wipes and cleaning sticks for reliable fiber optic cleaning
➤ Military-ready kit adds 1.6-mm, MT & pin termini cleaning sticks
➤ Orange carry bag has extra pockets for additional equipment

SPC No.	Part No. and Description	Price
213X155	MCC-FK03 Standard Kit, 800+ Cleanings	$133.31 ea.
213X160	MCC-FK05 Military Kit, 800+ Cleanings	$133.31 ea.

SPC908 End-Face Cleaning and Inspection Kits

➤ Clean connector styles including SC, ST, FC, E1000, LC and MU
➤ Inspect connectors with the dual illumination microscope
➤ Insert and remove small-form-factor (SFF) connectors with FOCUS

SPC No.	Description	Price
SPC908	End-Face Cleaning Kit	1-5, $370.00 ea.; 6-up, $352.00 ea.

SPC908 Tools List	
200X Dual Fiber Microscope	Electro-Wash MX Pen
1.25 mm Universal Adapter for Scope	2.5 mm IBC Brand Cleaner for SC/FC/ST
Focus SFF Connector Insertion/Extraction Tool	1.25 mm IBC Brand Cleaner for LC/MU
Mechanics Tool Bag	4.25" x 2" Fiber Wipes, 90/tub

All Chemicals Must Ship Ground Freight

SPC910 Fusion Splicer Cleaning Kits

➤ Clean and care for fusion splicers
➤ Contains both v-groove and lens cleaning swabs, duster and light
➤ 22" x 14" polishing work mat also serves as a work sub-surface

SPC No.	Description	Price
SPC910	Fusion Splicer Cleaning Kit	1-5, $174.00 ea.; 6-up, $166.00 ea.

SPC910 Tools List	
Polishing Work Mat	V-Groove Cleaning Swabs, 50/package
LED AAA Penlight	Lens Cleaning Swabs, 15/package
Ultrajet All-Way Duster, 8 oz.	Cotton Swabs, 100/package
Electro-Wash PX, 5 oz.	4" x 4" Lint-Free Wipes, 100/package
Mechanics Tool Bag	4.25" x 2" Fiber Wipes, 90/tub

Clean

Chemtronics®

Fiber Optic Construction Kit

➤ Perform optimal FTTH fusion splice cleaning
➤ Clean up to 600 end faces and prep for fusion splicing
➤ Clean v-grooves, mirrors and lenses for low-loss splices

SPC No.	Part No. and Description	Price
348X423	CFK1000 Construction Kit	1-5, $187.93 ea.; 6-up, $178.54 ea.

CFK1000 Contents	
Qbe® Cleaning Platform, 200 Sheets	Electro-Wash® PX Cleaner, 5 ounces
50 2.5-mm Fiber Optic Swabs	5 Electro-Wash MX Wipes
50 V-Groove and Ferrule Cleaning Swabs	100 Lint-Free Wipes, 4" x 4"
15 Fusion Splice Mirror Cleaning Swabs	

Fiber Optic Cleaning Kit+

➤ Cleaning products for 1.25 mm and 2.5 mm ferrules and MPO connector end-faces
➤ Use the compact universal cleaner for over 500 cleanings

SPC No.	Part No. and Description	Price
054X734	TK-287 Connector Cleaning Kit+	1-5, $309.95 ea.; 6-up, $294.45 ea.

TK-287 Contents	
MPO Fiber Connector Cleaner	Nonflammable Fiber Cleaning Fluid
1.25 mm Fiber Connector Cleaner	90 Lint-Free Wipes, 4.25" x 2"
2.5 mm Fiber Connector Cleaner	Rugged Carrying Case
Universal Fiber Connector Cleaner	

All Chemicals Must Ship Ground Freight

Transportable Installation and Maintenance Kit

➤ Safe for air travel with no restricted items
➤ Use for general installation and maintenance of 2.5 mm connections

SPC No.	Part No. and Description	Price
348X427	CFK1013 Fiber Cleaning Kit	1-5, $128.90 ea.; 6-up, $122.46 ea.

CFK1013 Contents	
Qbe®-2 Cleaning Platform, 200 Sheets	5 Electro-Wash MX Wipes
50 2.5-mm Fiber Optic Swabs	100 Lint-Free Wipes, 4" x 4"
2 Fiber-Wash® MX Pens	

Installation and Maintenance Cleaning Kit

➤ Make successful 2.5-mm connections
➤ Contains items for combination cleaning
➤ Nylon bag with carabiner attachment

SPC No.	Part No. and Description	Price
348X426	CFK1010 Fiber Cleaning Kit	1-5, $135.45 ea.; 6-up, $128.68 ea.

CFK1010 Contents	
Qbe® Cleaning Platform, 200 Sheets	5 Electro-Wash MX Wipes
50 2.5-mm Fiber Optic Swabs	100 Lint-Free Wipes, 4" x 4"
Electro-Wash® PX Cleaner, 5 ounces	

Easy-Access Cleaning Kits

➤ Clean connector end faces
➤ Four One-click cleaners, two tips and cleaning pen give easy access
➤ Choose a kit with added SC or added duplex LC One-click cleaner

SPC No.	Part No.	Description	Price
812X132	FCP3-00-0900	Basic Cleaning Kit w/SC	$513.10 ea.
812X135	FCP3-00-0901	Enterprise Cleaning Kit w/Duplex LC	$539.15 ea.

FCP3 Tools List	
Connector Cleaning Tips for 1.25 mm & 2.5 mm	FCC2 Cleaning Fluid
One-Clicks for LC/MU, Ultra 2.5, MPO/MTP, (SC or Duplex LC)	Cletop-SB Cassette Cleaner
FCC3 Debris Destroyer Cleaning Pen	Soft Carry Case

AFL

Basic MPO Fiber Cleaning Kit

➤ Kit offers an MPO/MTP One-click cleaner
➤ Cleaning products for use on connector endfaces
➤ Wet and dry method cleaning products are included

SPC No.	Part No.	Description	Price
812X130	FCP2-00-0901	Basic Fiber Cleaning Kit w/MPO	$382.10 ea.

FCP2 Tools List	
FCC2 Cleaning Fluid	Debris Destroyer
One-Click Cleaners for SC, LC and MPO	FiberWipes™
Cletop SB-Type Connector Cleaner	Duffle Bag Carry Case

Cleaner and Prep Fluid

➤ Nonflammable, environmentally safe and static dissipative

➤ 3-way dispenser allows for one-handed use

SPC No.	Part No. and Description	Price
812X643	FCC2-00-0902 Prep Fluid	$21.85 ea.

Splice & Connector Cleaning Fluid

➤ Optical grade cleaner is not regulated for easy transport

➤ Cleaning fluid is nonflammable, nontoxic, and static dissipative

SPC No.	Part No.	Description	Price
213X850	MCC-POC03M	3-oz Spray	$17.25 ea.
213X855	MCC-POC10M	10-oz Spray	$40.34 ea.

Fiber Optic Cleaning Pens

➤ Designed for fiber end-face cleaning

➤ Use alone or with a QbE® end face cleaning platform

➤ AQ aqueous pen has non-flammable, non-hazardous formulation

SPC No.	Part No.	Description	Price
348X215	FW2150	Fiber-Wash MX	1-24, $13.48 ea.; 25-up, $12.81 ea.
348X452	FW2190	Fiber-Wash AQ	1-24, $13.60 ea.; 25-up, $12.92 ea.

Clean hard-to-reach areas with extension tube

Electro-Wash® PX

➤ Clean up to 1500 end face connections when used with Qbe®

➤ Safe for plastics and doesn't draw moisture in like isopropyl alcohol

SPC No.	Part No.	Description	Price
348X833	ES810	5-oz. Electro-Wash PX	1-24, $15.50 ea.; 25-up, $14.73 ea.

Electro-Wash® MX Wipes

➤ Large 8" x 10" wipers come presaturated

➤ One-step gel, tool and work surface cleaner

SPC No.	Part No. and Description	Price
348X185	CP421 Electro-Wash MX, 25/box	1-5, $66.82 ea.; 6-up, $63.48 ea.

Compact Cleaning Kit

➤ Portable mini cleaning kit in a reseal-able bag

➤ SqR™ compact wiping platform

➤ FiberWash® MX pen precision cleaner

SPC No.	Part No. and Description	Price
348X180	CCK1 Compact Cleaning Kit	1-11, $27.97 ea.; 12-up, $26.57 ea.

QbE® Series Cleaning Platform

➤ 200 lint-free wipes for wet or dry cleaning

➤ Feature FiberSafe™ foam platen cleaning platform

➤ pQbE & QbE-R have grooved cleaning pad for MT/MPO connectors

SPC No.	Part No.	Description	Price
348X621	pQbE	Pocket Fiber Wipes	1-5, $65.13 ea.; 6-up, $61.88 ea.
348X950	QbE	Fiber Wipes	1-11, $38.97 ea.; 12-up, $37.02 ea.
348X949	QbE-2	Fiber Wipes w/Clip	1-5, $61.32 ea.; 6-up, $58.25 ea.
348X947	QbE-R	Ridged Fiber Wipes	1-5, $61.32 ea.; 6-up, $58.25 ea.

CleanWipes™

➤ WCS640 has eight ANSI/TIA-598-C color-coded CleanSwipe™ slots

➤ WCS100 has six slots pitched for SC & LC duplex

➤ WCS800 has four slots cleans over 3200 end faces

SPC No.	Part No.	Description	Price
213X905	MCC-WCS640	CleanWipes 640, 80/Box	$18.47 ea.
213X900	MCC-WCS100	CleanWipes 600, 100/Box	$19.13 ea.
213X910	MCC-WCS800	CleanWipes 3200, 800/Box	$46.88 ea.

IPA-Based Presaturated Wipes
➤ MultiClean™ wipes are made of strong polyester and are presaturated with 70% alcohol
➤ IsoClean™ wipes are presaturated with 99.8% IPA alcohol
➤ 5" x 8" MicroCare® cleaning wipes are ESD-safe and sold in reusable tubs of 100

SPC No.	Part No.	Description	Price
213X180	MCC-MLCW	MultiClean 70% IPA Alcohol Wipes, 5" x 8", 100/Tub	$20.80 ea.
213X205	MCC-MLCWR	MultiClean 70% IPA Wipes, Refill Bag of 100	$19.68 ea.
213X095	MCC-BACW	IsoClean 100% IPA Alcohol Wipes, 5" x 8", 100/Tub	$24.22 ea.
213X200	MCC-BACWR	IsoClean 100% IPA Wipes, Refill Bag of 100	$18.95 ea.

Optic Prep™ Cleaning Pads
➤ Lens-grade presaturated tissue
➤ Ultra-pure 65% isopropyl alcohol and water

SPC No.	Part No.	Description	Price
348X186	CP410	Optic Prep, 50/box	
		1-11, $36.42 ea.; 12-up, $34.60 ea.	

Chempad™ Wipes
➤ 91%IPA and 9% deionized water
➤ Lint-free, non-abrasive all-purpose pads

SPC No.	Part No.	Description	Price
348X187	CP400	Chempad Wipes, 50/box	
		1-11, $40.02 ea.; 12-up, $38.02 ea.	

IPA Isopropyl Alcohol
➤ Quick-drying general use cleaning solvent that leaves no residue
➤ 99.8% pure IPA

SPC No.	Part No.	Description	Price
348X855	ES105	1-Gallon IPA	
		1-11, $38.92 ea.; 12-up, $36.97 ea.	

All Chemicals Must Ship Ground Freight

MultiClean™ IPA Cleaning Spray
➤ Consists of 70% high purity IPA and 30% deionized water
➤ Hygienic-grade spray cleaner works well on any surface

SPC No.	Part No.	Description	Price
213X210	MCC-MLC16	IPA Cleaning Spray, 12 oz	$9.54 ea.

IPA Isopropyl Alcohol
➤ Quick-drying general use cleaning solvent that leaves no residue
➤ 99% pure IPA

SPC No.	Part No.	Description	Price
348X945	ES605L	16-oz. IPA	1-24, $16.93 ea.; 25-up, $16.09 ea.

MENDA

Stainless Steel One-Touch Pump Solvent Dispensers
➤ Push pump and wide neck
➤ Natural HDPE bottles
➤ Available in two sized

SPC No.	Part No.	Description	Price
083X008	35312	8-oz Dispenser	
		1-9, $26.18 ea.; 10-up, $24.87 ea.	
083X006	35309	6-oz Dispenser	
		1-9, $25.51 ea.; 10-up, $24.23 ea.	

Plastic Twist-Lock Pump Solvent Dispenser
➤ Push-down pump locks for leak free travel
➤ Imprinted HDPE Euro-style bottle offers easy identification

SPC No.	Part No.	Description	Price
068X218	35216	Solvent Dispenser, 8-oz	
		1-9, $10.89 ea.; 10-up, $10.35 ea.	

Stainless Steel Locking Pump Solvent Dispenser
➤ Dispenses 0.2 cc per pump
➤ Lockable travel mode
➤ Liquid slowly drains back into bottle to reduce evaporation

SPC No.	Part No.	Description	Price
068X350	35702	Locking Solvent Dispenser, 4-oz	
		1-11, $39.76 ea.; 12-up, $37.78 ea.	

Clean

Dust and Particle Remover

➤ Residue-free double-fil-tered high-purity dry gas
➤ Dries trapped moisture & cleans inaccessible areas

SPC No.	Part No.	Description	Price
213X175	MCC-FOD10A	10-oz Can	$23.57 ea.

Tidypen²™

➤ Remove anything sticky including adhesives, grease and solder flux
➤ 10 mL pens are ESD safe and dry without residue or ghosting
➤ Pen dispenses fluid when pressed

SPC No.	Part No.	Price
213X215	MCC-P02, 1 pen	$11.79 ea.
213X220	MCC-PEN2, 5/pkg	$51.31 ea.

CleanWipes™

➤ Lint-free poly-ester wipes
➤ Use individual hermetically sealed FA1 wipes in harsh environments

SPC No.	Part No.	Description	Price
213X140	MCC-FA1	50 Ind. Pkg'd.	$34.29 ea.
213X915	MCC-WF44ST	Bag of 50	$7.38 ea.

Benchtop CleanWipes™

➤ Wipes measure 4¼" x 2" and are made of hydroentangled polyester that resists shredding
➤ For bare fiber, jumpers and male connectors

SPC No.	Part No.	Description	Price
213X920	MCC-WFW	CleanWipes Tub of 90 Wipes	$12.69 ea.

All Chemicals Must Ship Ground Freight

FiberWipes™

➤ Remove common contaminants when installing
➤ Mini-tub holds 90 solvent safe wipes that measure 4.25" x 2"

SPC No.	Part No.	Description	Price
812X228	9000-03-0026MZ	One Tub of 90 Wipes	$10.09 ea.
812X229	9000-03-0026MZ	Case of 24 Tubes	$241.95 ea.

Non-Woven Lint-Free Wipes

➤ Coventry™ Econowipes™
➤ Made from a hydro-entangled 45/55 polyester/cellulose blend
➤ Non-abrasive 4" x 4" or 9" x 9" wipes

SPC No.	Part No.	Description	Price
348X530	6704F	4" x 4" Wipes, 100/pkg.	1-24, $5.03 ea.; 25-up, $4.78 ea.
348X535	6704	4" x 4" Wipes, 1200/pkg.	1-11, $47.95 ea.; 12-up, $45.55 ea.
348X540	6709	9" x 9" Wipes, 300/pkg.	1-11, $48.50 ea.; 12-up, $46.08 ea.

Kimwipes

➤ Non-abrasive absorbent 4.4" x 8.4"wipes
➤ Optical-grade wipes may be used for dry or wet cleaning

SPC No.	Part No. and Description	Price
300X415	34155 Box of 280 Wipes	1-11, $5.80 ea.; 12-up, $5.51 ea.
300X410	34155 Case of 60 Boxes	1-5, $379.18 ea.; 6-up, $360.22 ea.

D'Gel®-FO Solvent Wipes

➤ No-residue 8" x 11" wipes replace isopropyl alcohol
➤ Remove blocking, filling and forming compounds

SPC No.	Part #	Description	Price
330X350	61200	One D'Gel FO Wipe	1-11, $4.38 ea.; 12-up, $4.16 ea.
330X300	61200	Case of 144 D'Gel FO Wipes	1-5, $631.20 ea.; 6-up, $599.64 ea.

D'Gel® Cable Gel Solvent Wipes

➤ Remove cable gel, grease, tar, wax, resin and more
➤ 8" x 11" wipes are pack-aged individually

SPC No.	Part #	Description	Price
330X150	61244	One Cable Gel Wipe	1-11, $5.28 ea.; 12-up, $5.02 ea.
330X100	61244	Case of Cable Gel 144 Wipes	1-5, $760.80 ea.; 6-up, $722.76 ea.

D'Gel® Cable Gel Solvent

➤ Remove cable gel, block-ing, flooding and filling compounds
➤ Apply liquid to fiber and copper cable with cloth or brush

SPC No.	Part #	Description	Price
330X200	61232	32-oz. Quart Bottle	1-11, $43.48 ea.; 12-up, $41.31 ea.

Clean

Foam-Tip Swabs

Chemtronics®

➤ Two-sided swab has white open-celled foam head for absorbency and blue closed-cell head for scrubbing

348X430 CFP50 Foamtips, 50/pkg. 1-5, $70.12 ea.; 6-up, $66.61 ea.

➤ Lint-free foam over an extra absorbent cotton bud; 6" wooden handle

348X420 CF50 Swabs #100, 50/pkg. 1-11, $29.50 ea.; 12-up, $28.03 ea.

➤ Non-abrasive urethane foam Chem-swab is saturated with IPA alcohol
➤ Elongated foam head applicator gives easy access into hard-to-reach areas

348X183 CS25 Chemswabs, 25/pkg. 1-5, $53.12 ea.; 6-up, $50.46 ea.

Cotton Swabs

AFL

➤ Use Fujikura's cotton swabs as a universal fusion splicer accessory

151X706 S003719 CS-1 Swabs, 25/pkg. $1.89 ea.

SPCfiber™

➤ General-purpose cotton swab for debris and contaminant removal

721X007 FI-0006 Cotton Swabs, 100/pkg. 1-24, $5.31 ea.; 25-up, $5.04 ea.

1.25-mm Swabs

Chemtronics®

➤ Precision swab cleans contaminants from all 1.25-mm alignment sleeves and end faces with two separate surfaces in one

348X631 25123X 1.25-mm Swabs, 5/pkg. $5.42 ea.
348X495 25125F 1.25-mm Swabs, 15/pkg. 1-11, $36.43 ea.; 12-up, $34.61 ea.
348X630 25123X 1.25-mm Swabs, 100/pkg. 1-5, $108.43 ea.; 6-up, $103.01 ea.

CLETOP

➤ This 1.25-mm cleaning stick removes contaminants from adapters in hard-to-reach areas without alcohol or solvents

719X410 8500-10-0022MZ 1.25-mm Sticks, 5/pkg. $11.24 ea.
716X060 8500-10-0022MZ 1.25-mm Sticks, 200/pkg. $224.70 ea.

USCONEC

➤ NEOCLEAN S stick's micro woven fabric has excellent trapping and absorbency for wet or dry cleaning

846X801 7892/10 1.25-mm Swabs, 10/pkg. $5.80 ea.
846X800 7892 1.25-mm Swabs, 250/pkg. $145.00 ea.

STICKLERS

➤ CleanStixx™ has a unique recessed tip for cleaning connectors with exposed male termini or alignment pins

213X845 MCC-P25 Pin Termini Male MPO Sticks, 50/pkg. $34.32 ea.

AFL

➤ Double-ended cleaning tip cleans LC/MU ferrules in adapters and sockets
➤ Use with FCC2 connector cleaning fluid

812X615 CCTS-12-0900MZ 1.25-mm LC/MU Tips, 40/pkg. $48.00 ea.

2.0 Sticks

CLETOP

➤ Use this 2-mm cleaning stick in military and aeronautic applications

716X065 8500-10-0023MZ 2-mm Sticks, 5/pkg. $11.24 ea.
716X064 8500-10-0023MZ 2-mm Sticks, 200/pkg. $242.00 ea.

Universal Swabs

CLETOP

2.5-mm end

➤ Versatile stick with 2.5 and 2-mm ends
➤ 2.5-mm end has a guide sleeve for multi-pin ruggedized connectors

2-mm end

716X070 8500-10-0030MZ 2.5-mm & 2-mm Sticks, 5/pkg. $12.10 ea.
716X069 8500-10-0030MZ 2.5-mm & 2-mm Sticks, 100/pkg. $242.00 ea.

AFL

➤ Molded tip cleans all exposed connector types from 1.25 mm to 2.5 mm
➤ Use with FCC2 connector cleaning fluid

812X610 CCTP-25-0900MZ Universal Swabs, 20/pkg. $24.00 ea.

Fusion Splicer Swabs

Chemtronics®

➤ Lint-free soft poly swab cleans optical lenses on fusion splicers

332X012 51125F Lens Swabs, 15/pkg. 1-11, $22.72 ea.; 12-up, $21.58 ea.

➤ Swab cleans V-grooves and sides of 2.5-mm and 1.25-mm ceramic ferrules

332X011 38542F Swabs, 50/pkg. 1-11, $23.28 ea.; 12-up, $22.12 ea.

2.5-mm Swabs

Chemtronics®

➤ Precision applicator heads clean 2.5-mm alignment sleeves and end faces
➤ Use 6" wrapped foam swab in tights areas

348X620 25184 2.5-mm Swabs, 5/pkg. $6.83 ea.
348X615 25183 2.5-mm Swabs, 100/pkg. 1-5, $136.63 ea.; 6-up, $129.80 ea.

CLETOP

➤ This 2.5-mm cleaning stick removes contaminants from adapters in hard-to-reach areas without alcohol or solvents

719X400 8500-10-0024MZ 2.5-mm Sticks, 5/pkg. $11.24 ea.
716X055 8500-10-0024MZ 2.5-mm Sticks, 200/pkg. $242.00 ea.

USCONEC

➤ Use NEOCLEAN S dry-cloth swab for bulkhead applications and SC/ST/FC connectors, transceivers and lenses

846X806 7893/10 2.5-mm Swabs, 10/pkg. $5.80 ea.
846X805 7893 2.5-mm Swabs, 250/pkg. 1-5, $145.00 ea.; 6-up, $140.65 ea.

AFL

➤ Double-ended cleaning tip cleans ST/SC/FC ferrules in adapters and sockets
➤ Use with FCC2 connector cleaning fluid

812X625 CCTS-25-0900MZ 2.5-mm SC/ST/FC Tips, 40/pkg. $48.00 ea.

Chemtronics®

➤ Double-ended cleaning tip cleans ST/SC/FC ferrules in adapters and sockets
➤ Use with Electro-Wash® PX cleaning fluid

332X010 48042F 2.5-mm Swabs, 50/pkg. 1-11, $20.62 ea.; 12-up, $19.59 ea.

JONARD TOOLS

Three-Piece Fiber Kits

➤ Kits feature the JIC-375 3-hole stripper and shears in a molded pouch
➤ Choose a kit with Kevlar cutters or with electrician's scissors

SPC No.	Part No.	Description	Price
054X710	TK-350 Stripper & Kevlar Shears		1-5, $59.95 ea.; 6-up, $56.95 ea.
054X712	TK-375 Stripper & Electricians Scissors		1-11, $57.95 ea.; 12-up, $55.05 ea.

MILLER®

Fiber Optic Buffer Strippers

➤ One-hole 103-S strips 250-µm coating
➤ Two dual-hole strippers add holes for 900 µm coating or 2 - 3 mm jackets
➤ Three-hole stripper combines all three and will not scratch or nick the fiber

SPC No.	Part No. and Description	Price
155X288	FO 103-S, Single-Hole	$50.81 ea.
155X361	FO 103-D-250, Dual-Hole	$81.59 ea.
155X366	FO 103-D-J, Dual-Hole	$56.58 ea.
155X368	FO 103-T-250-J, Tri-Hole	$89.80 ea.

MILLER®

Fiber Optic Stripper and Shear Kit

➤ Kit features the 3-hole FO 103-T-250-J three-hole fiber stripper
➤ Shears have high-carbon molybdenum and vanadium steel micro-serrated blades
➤ Nylon pouch has a heavy-duty belt clip

SPC No.	Part No.	Description	Price
155X160	MA01-7000	3-Piece Kit	$87.34 ea.

JONARD TOOLS

Fiber Stripper

➤ Use to strip 250-µm coating from 125-µm optical fiber
➤ Factory preset and offers 15,000 strips

SPC No.	Part No.	Description	Price
054X435	JIC-125 Fiber Optic Stripper		1-11, $30.95 ea.; 12-up, $29.40 ea.

JONARD TOOLS

Three-Hole Stripper

➤ 1.6 - 3.0 mm jacket down to buffer coating
➤ 600 - 900 µm buffer coating to 250-µm
➤ 250-µm cable down to 125-µm glass fiber

SPC No.	Part No.	Description	Price
054X437	JIC-375 Three-Hole FO Stripper		1-11, $29.95 ea.; 12-up, $28.45 ea.

CablePrep Tools You Trust Since 1979

Fiber Stripper

➤ Three notches tostrip 1.6 - 3 mm jacket, 600 - 900 µm buffer and 250 µm coating
➤ Stripping guide is printed on the handle

SPC No.	Part No.	Description	Price
304X428	FOC-200 Fiber Optic Stripper		1-11, $24.00 ea.; 12-up, $23.28 ea.

MILLER®

Fiber Optic Strippers

➤ CFS-3 removes 1.6 - 3 mm jacket, 600 - 900 µm buffer and 250 µm acrylate without scratching or nicking the fiber
➤ CFS-2 features a 1-mm hole at tip to strip fiber jackets plus a 140-µm hole and V-opening to remove 250-µm coating from 125-µm fiber

SPC No.	Part No. and Description	Price
155X155	81300 CFS-3 Three-Hole Stripper	$27.52 ea.
024X015	46107 CFS-2 Two-Hole Stripper	$29.89 ea.

TEMPO COMMUNICATIONS

ProGrip 5-in-1 Fiber Optic Stripper

➤ Five stripping cavities are factory calibrated for precision stripping
➤ Tool features dual durometer ProGrips for comfort and control plus precision ground blades

SPC No.	Part No.	Description	Price
170X052	PA1171	ProGrip 5-in-1 Stripper55.63 ea.	$55.63 ea.

JONARD TOOLS

Fiber Strippers

➤ JIC-275 strips 600-900 µm and 250 µm coating in two steps – buffer coating to cable and then cable to glass fiber
➤ Preset at the factory so no adjustments are necessary and design prevents nicks or scratches on the 125-µm fiber

SPC No.	Part No.	Description	Price
054X463	JIC-275	Two-Hole Stripper	1-9, $37.95 ea.; 10-up, $36.05 ea.
054X443	JIC-175	Stripper, 250-µm	1-9, $31.95 ea.; 10-up, $30.35 ea.
054X459	JIC-180C	Stripper, 180-µm	1-9, $37.95 ea.; 10-up, $36.05 ea.
054X461	JIC-200	Stripper, 200-µm	1-9, $37.95 ea.; 10-up, $36.05 ea.

MILLER®

FO103-S Fiber Optic Strippers

➤ Strip 250 µm coating from 125 µm fiber
➤ Tools imprinted with stripping blade diameter
➤ Have pivot pin, spring handles and precision blades

SPC No.	Part No.	Description	Price
155X393	FO103-S-150	Fiber Optic Stripper, 150-µm	$50.81 ea.
155X391	FO103-S-007	Fiber Optic Stripper, 175-µm	$50.81 ea.
155X395	FO103-S-200	Fiber Optic Stripper, 200-µm	$50.81 ea.
155X397	FO103-S-250	Fiber Optic Stripper, 250-µm	$50.81 ea.
155X399	FO103-S-300	Fiber Optic Stripper, 300-µm	$50.81 ea.

Round Cable Strippers

JONARD TOOLS

➤ Tools slit 3 ways - longitudinally, in a spiral & circularly
➤ Adjustable blade is spring loaded and rotates 90°

SPC No.	Part No. and Description	Price
054X166	CST-1900 Stripper, ³⁄₁₆" to 1⅛"	1-5, $56.95 ea.; 6-up, $54.10 ea.
054X181	CST-4000 Stripper, ¾" to 1⅝"	1-5, $85.95 ea.; 6-up, $81.65 ea.
054X171	CST-7915 Replacement Blade	$14.95 ea.

Round Cable Stripper

MILLER®

➤ Triple-action strip capability for jacket removal of multi-fiber cables
➤ Strip at the mid-span or end with rotary/longitudinal & spiral cuts

SPC No.	Part No. and Description	Price
155X575	RCS-114 Cable Stripper, .178" to 1.14"	$45.75 ea.
155X576	CB-231 Replacement Blade Set	$15.76 ea.

Adjustable Blade Ringer™ Strippers

IDEAL®

➤ Use on coax, fiber jacket, mini coax, twisted pair and CATV copper
➤ .240" blade spacing for two-step or window strips
➤ Come with three straight blades and one rounded edge slitting blade

SPC No.	Part No.	Description	Price
370X235	45-162	Gray Stripper, Up to ⅛"	1-11, $39.77 ea.; 12-up, $37.78 ea.
370X236	45-163	Blue Stripper, ⅛" to ½"	1-11, $38.98 ea.; 12-up, $37.03 ea.
370X238	45-165	Black Stripper, ³⁄₁₆" to ⁵⁄₁₆"	1-11, $37.20 ea.; 12-up, $35.34 ea.

MS-FOK-1

Fiber Stripping Kits

➤ Micro-Strip® tools use a lower strip force for quality splices
➤ MS-FOK-2 comes with 3 strippers, cutter blade sets, fiber guides, Kevlar scissors, cleaning brush & push tool
➤ MS-FOK-1 includes 2 handles, 8 blades, 10 tube guides, cleaning brush & push tool

SPC No.	Part No. and Description	Price
212X720	MS-FOK-2 Stripping Kit	1-5, $320.83 ea.; 6-up, $304.79 ea.
212X701	MS-FOK-1 Complete Kit	1-5, $380.83 ea.; 6-up, $361.79 ea.

Micro-Strip® Fiber Strippers

micro electronics inc.

Use to remove coating/buffer

➤ Tools come with cutter blade sets and installed fiber guides
➤ Each tool includes cleaning tool, push tool and instructions

Micro-Strip® Replacement Blades

➤ Two cutter blade sets are packaged with matching fiber guide lock
➤ Prior to use, snap apart the joined, matched blade pairs

SPC No.	Complete Tool Part No.	Price Each 1-9	Price Each 10-up	Cladding Diameter µm	Cladding Diameter inches	Proper Blade Dia.	Repl. Blade SPC No.	Repl. Blade Part No.	Blade Color	Coating Dia. to Strip	Price Each 1-9	Price Each 10-up
212X500	MS1-06S-13-FS	$44.17	$41.96	125-135	.0049-.0053	.0063"	212X520	MS1-RB-06S	Purple	250-343 µm	$55.83	$53.04
212X505	MS1-08S-13-FS	$59.17	$56.21	125-175	.0049-.0068	.008"	212X525	MS1-RB-08S	Red	250-343 µm	$55.83	$53.04
212X507	MS1-08S-21-FS	$59.17	$56.21	125-175	.0049-.0068	.008"	212X525	MS1-RB-08S	Red	457-533 µm	$55.83	$53.04
212X509	MS1-08S-40-FS	$59.17	$56.21	125-175	.0049-.0068	.008"	212X525	MS1-RB-08S	Red	889-1016 µm	$55.83	$53.04
212X510	MS1-21S-40-FS	$59.17	$56.21	435-500	.0171-.0196	.021"	212X530	MS1-RB-21S	Blue	889-1016 µm	$55.83	$53.04

CablePrep
Tools You Trust Since 1979

Kevlar Scissors

➤ Cut Kevlar with integrated cable cutter
➤ For use on soft copper and aluminum wire

SPC No.	Part No.	Desc.	Price
304X433	FOC-300 Cutter		1-5, 24.00 ea.; 6-up, $23.28 ea.

JONARD TOOLS

Kevlar Cutters

➤ Precise flush cutting
➤ Thin-nose jaws for work in tight places

SPC No.	Part No. and Desc.	Price
054X438	JIC-190 Kevlar Cutters	1-11, $26.95 ea.; 12-up, $25.60 ea.

MILLER®

Kevlar® Shears

➤ Non-slip hardened stainless steel blades
➤ Quick action spring

SPC No.	Part No. & Desc.	Price
024X199	86 1/2SF Kevlar Shears	$31.22 ea..

JONARD TOOLS

Kevlar® Cutter and Pouch Kit

➤ High carbon stainless-steel blades cut Kevlar
➤ Kit adds protective pouch

SPC No.	Part No. & Desc.	Price
054X695	JIC-186 Kevlar Cutter Only	1-11, $15.95 ea.; 12-up, $15.15 ea.
054X709	TK-325 Cutter & Pouch Kit	1-11, $22.95 ea.; 12-up, $21.80 ea.

Tools

Ratcheting Duct and Cable Slitters

➤ RCS-30 slits and rings round cable greater than 1" and makes window cuts in ducts up to 5 mm thick
➤ Perform lateral and longitudinal cuts on submariner cables, large fiber ducts and telephone cables at least 1.5" in diameter

SPC No.	Part No. and Description	Price
054X628	RCS-30 Ratcheting Slitter	1-5, $176.95 ea.; 6-up, $168.10 ea.
054X630	RCS-30RB Replacement Blade	$70.95 ea.
054X632	RCS-50 Large Ratcheting Slitter	1-5, $474.95 ea.; 6-up, $451.20 ea.
054X634	RCS-50RB Replacement Blade	$75.95 ea.

CableSaber™ Armored Cable Midspan Slitter

➤ For thick 4 mm to 28.6 mm jacketed and armored cables
➤ Access to a depth of 5.5 mm

SPC No.	Part No./Description	Price
054X803	AST-200 Midspan Slitter	1-5, $149.95 ea.; 6-up, $142.45 ea.

Jacket Slit & Ring Tool

➤ Slit and ring buffer tubes and breakout cables
➤ Cut 3.2 to 9.6 mm diameter cable with L-shaped guide

SPC No.	Part No./Description	Price
054X455	JIC-4377 Slit and Ring Tool	1-5, $73.95 ea.; 6-up, $70.25 ea.

Cable Sheath Cutter

➤ Use to strip outer sheathing longitudinally from most cables with O.D. from 0.5" to 4" and to strip inner duct from fiber cables
➤ Ratcheting design and double-sided blade

SPC No.	Part No. and Description	Price
368X100	10923 Cutter	1-5, $184.00 ea.; 6-up, $175.00 ea.
368X109	10940 Replacement Blade	1-5, $60.00 ea.; 6-up, $57.00 ea.

ACS Armored Cable Slitter

➤ Slit corrugated copper, steel or aluminum armor layer on cable from .315" to 1.125"
➤ Performs longitudinal slitting and ringing plus blade rotates 90° for mid-span prep

SPC No.	Part No. and Description	Price
155X050	37880 ACS Slitter	$167.56 ea.
155X149	37884 CB251-K Repl. Blade	$50.21 ea.

ACS+ Armored Cable Slitter

➤ Cut through polyethylene jacket and corrugated copper, steel or aluminum armor
➤ Brass roller wheel works with 0.157" to 1.125" cable & T-handle improves leverage

SPC No.	Part No. and Description	Price
155X153	MB05-7000 ACS+ Slitter	$130.32 ea.

Drop Cable Slitter

➤ Slit at the end of the cable or mid-span for flat cables
➤ Tool slits both sides for access

SPC No.	Part No. & Desc.	Price
054X703	FOD-2000 Slitter	1-11, $57.95 ea.; 12-up, $55.05 ea.
745X718	FOD-RB25-5PK Blades	$8.59 ea.

Cable Slit and Ring Tool

➤ Cables up to 7.5 mm
➤ Removable V block and adjustable slit and ring blades

SPC No.	Part No. & Desc.	Price
054X188	CSR-1575 Slit & Ring Tool	1-5, $32.95 ea.; 6-up, $31.30 ea.
054X190	CSR-2 Replacement Blade	1-11, $10.95 ea.; 12-up, $10.40 ea.

Buffer Tube Ringer

➤ Access tubes to 6 mm with walls to 1 mm

SPC No.	Part No. & Desc.	Price
054X162	BTR-6 Buffer Tube Ringer	1-11, $20.95 ea.; 12-up, $19.90 ea.

CORNING

ROC™ Drop Cable Access Tool

➤ Access cables in end and mid-span situations without disturbing other fibers

SPC No.	Part No. & Desc,	Price
745X717	RDST-000 Slitter	1-5, $114.94 ea.; 6-up, $112.07 ea.

Cable Slitter with Trays

➤ Slitter features modular tray design
➤ Ring and longitudinal cuts on cable to 0.60"

SPC No.	Part No.	Description	Price
155X162	MB02-7001	Slitter	$102.30 ea.

Adjustable Slit and Ring Tool

➤ Adjustable blades and reversible V-block
➤ For buffer tubes and jackets 0.05" to 0.25"

SPC No.	Part No.	Description	Price
155X164	MB06-7000	Slit & Ring Tool	$19.75 ea.

MSAT-X Mid-Span Access Tool

➤ Features dual stripping channels
➤ Use on PVC jacketed cables 1.9 to 5.0 mm

SPC No.	Part No.	Description	Price
155X166	MB10-7000	Mid-Span Tool	$82.54 ea.

CORNING

Tubing matches
fiber color scheme

Draka

Included inserts:
2.0, 2.5 and 3.0 mm
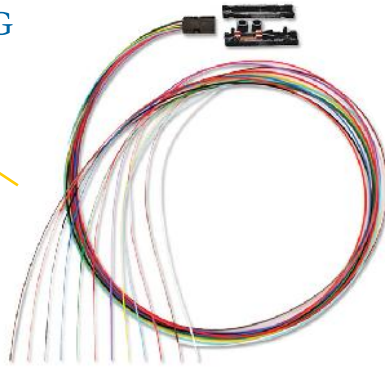
Buffer Tube Fan Out Kits
➤ Terminate 6- and 12-fiber buffer tubes when installing connectors
➤ 900-μm fan-out assemblies us 25" color-coded tubing

SPC No.	Part No.	Description	Price
745X354	FAN-BT25-06	6-Fiber Indoor	1-11, $20.90 ea.; 12-up, $20.37 ea.
745X350	FAN-BT25-12	12-Fiber Indoor	1-11, $23.07 ea.; 12-up, $22.50 ea.
745X357	FAN-OD25-06	6-Fiber Outdoor	1-9, $53.88 ea.; 10-up, $52.53 ea.
745X359	FAN-OD25-12	12-Fiber Outdoor	1-9, $79.76 ea.; 10-up, $77.77 ea.

Buffer Tube Access Tool Kit
➤ Access loose tube cables at mid-span
➤ Inserts hold tube in place while blade shaves tube wall

SPC No.	Part No.	Description	Price
848X100	20021562	Tool Kit	1-5, $1015.00 ea.; 6-up, $984.00 ea.
848X205	20021564	1.9-mm/12-Fiber Microduct Insert	$122.00 ea.
848X215	20021566	2.5-mm/12-Fiber Loose Tube Insert	$122.00 ea.
848X251	20021563	Spare Parts Kit	1-5, $178.00 ea.; 6-up, $173.00 ea.

CORNING

Mid-Span Access Tool
➤ Blades cut 2.4 - 2.6 mm and 2.7 - 3.1 mm buffer tubes

SPC No.	Part No.	Description	Price
807X050	OFT-000 Mid-Span Access Tool		1-5, $393.30 ea.; 6-up, $383.47 ea.
745X401	OFT-001 Repl. Blade		$54.25 ea.

Ribbon Splitting Tool
➤ Separate 12-, 24- and 36-fiber ribbons at the mid-span or cable end

SPC No.	Part No.	Description	Price
745X705	RST-000 Ribbon Splitting Too		1-2, $1737.15 ea.; 3-up, $1693.72 ea.

MILLER®

MSAT® Mid-Span Access Tool
➤ Size and access fibers at the mid-span in loose tube cables from 1 to 3 mm
➤ Kit adds fiber stripper, Kevlar shears, hard cable jacket stripper and buffer tube scorer

SPC No.	Part No. and Description	Price
155X167	MB01-7000 MSAT-16 Tool	$99.13 ea.
155X163	MA03-7000 MSAT Kit	$193.63 ea.

MSAT Micro Mid-Span Access Tool
➤ Accommodates interchangeable inserts from 1.3 to 1.8 mm

SPC No.	Part No.	Description	Price
155X824	81460	MSAT Micro	$435.67 ea.
155X826	81472	Repl. Blade	$52.17 ea.
155X828	81513	1.3 mm Insert	$75.35 ea.
155X830	81514	1.4 mm Insert	$75.35 ea.
155X834	81516	1.6 mm Insert	$75.35 ea.

MILLER®

MSAT-5 Mid-Span Access Tool
➤ Access 1.9 to 3.0 mm fibers
➤ Sizing channels shave the precise opening

SPC No.	Part No.	Description	Price
155X820	80930	MSAT-5	$88.76 ea.
155X833	80935	Blade Kit	$18.84 ea.

MSAT Mid-Span Access Tool
➤ Use on 2.0-, 2.5- and 3.0 mm buffer tube

SPC No.	Part No.	Description	Price
155X807	80785	MSAT Tool	$296.39 ea.
155X810	80794	Repl. Blade Set	$43.50 ea.

Mid-Span Slit and Ring Tools
➤ Optional ring feature for access to fibers in loose buffer tubes

SPC No.	Part No. and Description	Price
054X594	MS-6 Slitter, 1.2 - 3.3mm	1-5, $76.95 ea.; 6-up, $73.10 ea.
054X566	MS-306 Slit/Ring, 1.2 - 3.3mm	1-5, $105.95 ea.; 6-up, $100.65 ea.
054X562	MS-26 Slitter, 2.9 - 6.8mm	1-5, $85.95 ea.; 6-up, $81.65 ea.
054X572	MS-316 Slit/Ring, 2.9 - 6.8mm	1-5, $114.95 ea.; 6-up, $109.20 ea.
054X503	MS-326 Slit/Ring, 5.0 - 10mm	1-5, $123.95 ea.; 6-up, $117.75 ea.
054X570	MS-426 Slit/Ring, 5.8 - 12mm	1-5, $170.95 ea.; 6-up, $162.40 ea.
054X506	MS-336 Slit/Ring, 7.9 - 11mm	1-5, $123.95 ea.; 6-up, $117.75 ea.
054X577	MS-446 Slit/Ring, 8.7 - 14.6mm	1-5, $198.95 ea.; 6-up, $189.00 ea.
054X576	MS-526 Slit/Ring, 9.8 - 18.2mm	1-5, $187.95 ea.; 6-up, $178.55 ea.

JONARD TOOLS

Grooves are marked with fiber sizes

Mid-Span Slit and Ring Tool Kit
➤ Access fiber optic cables and buffer tubes from 1.2 mm to 18.2 mm

SPC No.	Part No. and Description	Price
054X775	TK-107 Mid-Span Slit Ring Tool Kit	$1284.95 ea.

Fiber Preparation Kits

➤ Tools needed to access and prepare fiber cable for termination
➤ TK-161 adds two connector cleaners and visual fault locator

SPC No.	Part No. and Description	Price
054X738	TK-121 Fiber Prep Kit	1-5, $365.95 ea.; 6-up, $347.65 ea.
054X742	TK-161 Kit w/VFL & Cleaners	1-5, $614.95 ea.; 6-up, $584.20 ea.

TK-121/TK-161 Tools List		
Round Cable Strip & Ring Tool	Kevlar Cutting Shears	Fiber Wipes, 5/Pkg
Mid Span Slit & Ring Tool	Multi-Bit Screwdriver	**TK-161 Kit Items Only:**
Fiber Drop Cable Slitter	LED Flashlight w/Zoom	1.25 mm Connector Cleaner
Buffer Tube Ringer	Diagonal Cutting Pliers	2.5 mm Connector Cleaner
Three-Hole Fiber Stripper	Long Nose Pliers	Visual Fault Locator

Advanced Fiber Preparation Kit

➤ Tools needed to access and prepare fiber cable for termination
➤ Tools are organized in a rugged 21 pocket tool case

SPC No.	Part No.	Description	Price
054X731	TK-179	Adv. Fiber Prep Kit	1-5, $739.95 ea.; 6-up, $702.95 ea.

TK-179 Tools List		
Buffer Tube Ringer	Probe Pick	Micro Duct Tube Cutter
Cable Slit & Ring Tool	Diagonal Cutting Pliers	Micro Duct Cutter
Round Cable Strip & Ring Tool	Three-Hole Fiber Stripper Long	4 Mid Span Slit & Ring Tools
Wire Stripper, 10-22 AWG	Nose Pliers	6-in-1 Multi-Bit Screwdriver
Kevlar Cutting Shears	Cable Splicing Knife	LED Flashlight w/Zoom

Comes with holster

CablePrep Tools You Trust Since 1979
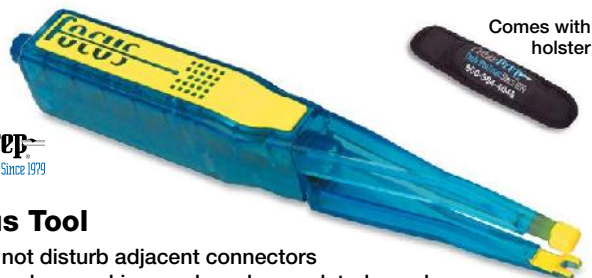
Focus Tool

➤ Will not disturb adjacent connectors even when working on densely populated panels
➤ Insert and remove SC and LC fiber connectors
➤ Tool has long, tapered spring-loaded jaws and integrated light

SPC No.	Part No.	Description	Price
304X420	FOC-100	Focus Tool	$45.00 ea.
304X705	T-HLSTR	Replacement Holster	$6.35 ea.

Guide for variable cleave lengths from 5 mm to 20 mm
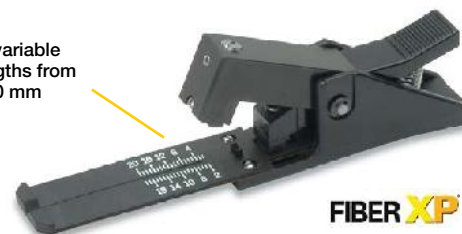
Fiber Optic Cleaver

➤ Use with quick-term connectors and single 0.125-mm O.D. fiber
➤ Optimal for mechanical splicing and performs over 6000 cleaves

SPC No.	Part No. and Description	Price
721X186	CL-60 Fiber Optic Cleaver	1-5, $171.92 ea.; 6-up, $163.33 ea.
721X022	F160CBL Carbide Repl. Blade	$45.77 ea.
721X025	F160DBL Diamond Repl. Blade	1-5, $100.00 ea.; 6-up, $95.00 ea.

Fiber Connector Insertion/Extraction Tools

➤ Use in high density patch panels

SPC No.	Part No.	Description	Price
054X215	FCT-100	Ins/Ext Tool, LC/SC/MU	1-5, $51.95 ea.; 6-up, $49.35 ea.
054X225	FCT-200	Ins/Ext Tool, LC	1-5, $51.95 ea.; 6-up, $49.35 ea.

MILLER®

Insertion/ Extraction Tool

➤ For high-density patch panels on LC, SC, MU & MT-RJ connectors

SPC No.	Part No.	Description	Price
155X812	80860	Insertion/Extraction Tool	$39.51 ea.

Male with pins

Female without pins
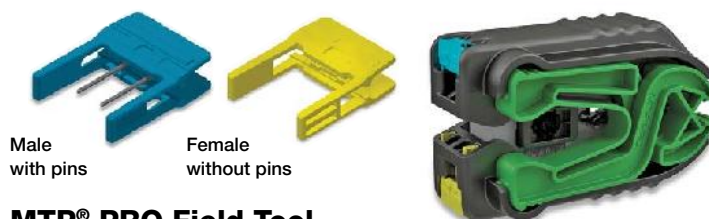
MTP® PRO Field Tool And Pin Exchangers

USCONEC

➤ Use MTP PRO for pin insertion & removal plus polarity configuration
➤ Tool has two ports for pin change and polarity change
➤ Reusable pin exchangers are color-coded for easy identification

SPC No.	Part No. and Description	Price
846X716	18814 MTP PRO Field Tool	1-5, $117.75 ea.; 6-up, $114.22 ea.
846X715	18843 SM, Male, Yellow, 1 Ea.	1-24, $7.10 ea.; 25-up, $6.89 ea.
846X725	18843 SM, Male, Yellow, 10-Pk	1-9, $71.00 ea.; 10-up, $68.90 ea.
846X713	18841 SM, Female, Yellow, 1 Ea.	1-24, $1.75 ea.; 25-up, $1.70 ea.
846X723	18841 SM, Female, Yellow, 10-Pk	1-9, $17.40 ea.; 10-up, $16.90 ea.
846X714	18842 MM, Male, Aqua, 1 Ea.	1-24, $3.35 ea.; 25-up, $3.25 ea.
846X724	18842 MM, Male, Aqua, 10-Pk.	1-9, $33.35 ea.; 10-up, $32.35 ea.
846X712	18256 MM, Female, Aqua, 1 Ea.	1-24, $1.75 ea.; 25-up, $1.70 ea.
846X722	18256 MM, Female, Aqua,10-Pk	1-9, $17.40 ea.; 10-up, $16.90 ea.

Fiber Preparation Kit+

➤ Includes tools needed to access and prepare fiber optic cables for termination — see TK-121 tools list on opposing page

➤ Rugged 8-pocket backpack case measures 20" x 14½" x 8"

SPC No.	Part No. and Description	Price
054X745	TK-121B Fiber Preparation Kit+	1-5, $419.95 ea.; 6-up, $398.95 ea.
054X104	BP-100 Technician's Backpack	$109.95 ea.

Spudger

Visual Fault Locator

Kevlar® Cutter

Ballistic Nylon Tool Pouch

3-Hole Fiber Stripper

2.5- and 1.25-mm IBC Cleaning Tools

SPC954
Fiber Tech Pouch Kit

➤ Pen-style VFL includes 2.5mm connector and 1.25 mm adapter

➤ Strip jacket, buffer coating and cable

➤ Pouch velcro closure fastens to most belts for easy carry

SPC No.	Description	Price
SPC954	Fiber Tech Pouch Kit	1-5, $416.00 ea.; 6-up, $396.00 ea.

Cart case adds wheels and telescoping handle.

Two layers of padding in the case protects delicate instruments.

SPC35
Comprehensive
Fiber Optic Installer Kit

➤ View multimode connectors with 200X inspection scope

➤ Lint-free 5.75"square wipes with 99% isopropyl alcohol clean fibers

➤ Roto-rugged case had keyed latches and combo lock

SPC No.	Description	Price
SPC35RD	8½" Fiber Optic Tool Kit	1-5, $1430.00 ea.; 6-up, $1359.00 ea.
SPC35C	8" FO Tool Kit with Wheels	1-5, $1625.00 ea.; 6-up, $1544.00 ea.

SPC35 Tools List		
Hand-Held Fiber Scope, 200X	Cushion-Grip Phillips	Fiber Optic Stripper
Coax Stripper, up to ⅛"	Screwdrivers, #1, #2	Adj. Wire Stripper, 10-24 AWG
Round Cable Slitter	Tape Measure, 16' x ¾"	Sharpie, X-Fine Point
Wire Stripper, 16-26 AWG	High-Leverage Cable Cutter	Seam Ripper
Tubing Cutter, ⅛"-1⅛"	Touch & Go Bottle, 4-oz.	Cable Sheath Cutter
Lineman's Pliers, NE-Type	Electrician's Scissor	0-9 Number Tape w/Dispenser
Piano Wire Cutters	Retractable Utility Knife	Electrical Tape, ¾" x 60'
Long Nose D Pliers, 6"	Desoldering Bulb	Fiber Cleaning Wipes, 25/pkg
Fiber Splinter Tweezer	Nut Drivers,	Cletop Ferrule Cleaner
Cushion-Grip Slot	5⁄16", 11⁄32", ⅜", 7⁄16", ½"	2.5-mm Fiber Swabs, 50/pkg
Screwdriver, ¼ x 4"	Kevlar Cutters	Cotton Swabs, 100/pkg

SPC952 Optical Explorer Pro Fiber Kit

➤ Features OX1-PRO optical fiber meter and 20 m test cord boxes

➤ 2.5-mm & 1.25-mm cleaning tools provide over 525 cleanings each

➤ Rugged PVC coated polyester case

SPC No.	Description	Price
SPC952	Optical Explorer Pro Kit	1-5, $4680.00 ea.; 6-up, $4446.00 ea.

SPC952 Contents	
Optical Explorer PRO Kit	2.5 mm IBC Cleaning Tool
SC/APC to LC/UPC Test Cord Box	1.25 mm IBC Cleaning Tool
SC/APC to SC/UPC Test Cord Box	Tradesman Pro Carrying Case

Tool Kits

Zippered tool bag has 21 pockets and fold-down cover

SPC956
FTTH Fiber Installation Kit

➤ Kit contains tools and equipment needed to install fiber to the home

➤ OPM measures absolute optical power, relative power loss and wavelengths from 800 - 1650 nm with 0.01 dB resolution

➤ Singlemode test jumper allows for direct connection to the optical power meter in the field

SPC No.	Description	Price
SPC956	FTTH Fiber Installation Kit	1-5, $803.00 ea.; 6-up, $763.00 ea.

SPC956 Tools List	
Fiber Optic Power Meter	Singlemode Test Jumper,
3-Hole Fiber Stripper	OptiTap to Simplex SC/APC
Kevlar Cutter	Visual Fault Locator
2.5 mm IBC Cleaning Tool	ROC Drop Cable Slitter
1.25 mm IBC Cleaning Tool	Tool Bag

SPCCases

Zipper runs along three sides to open fully for easy access

Grab-N-Go Fiber Accessory Case

➤ Fill this soft-sided case with any combination of fiber accessories

➤ Six interior pockets in the front wall and six more in the back wall

➤ Two exterior pockets for documents and plastic parts box

*Products pictured in case are not included.

SPC No.	Description	Price
GNG-10	Grab-N-Go Accessory Case	1-5, $207.00 ea.; 6-up, $197.00 ea.

SPCToolKits

SPC962
OptiTap® Test and Clean Kit

➤ Connect to an optical power meter with OptiTap® single-mode OS2 test jumper

➤ Kit includes VFL and OptiTap cleaner in a tool bag

SPC No.	Description	Price
SPC962	OptiTap Kit	1-5, $194.00 ea.; 6-up, $185.00 ea.

SPC962 Tools List	
Singlemode Test Jumper,	Visual Fault Locator
OptiTap SC/APC to Simplex SC/APC	OptiTap Cleaning Tool

JONARD TOOLS®

Fiber Connector Clean and Preparation Kit

➤ Contains cleaning and preparation products for use on 1.25 mm and 2.5 mm connector end-faces and bulkhead adapters

➤ Kit contains a fiber stripper, precision cleaver, fiber wipes and visual fault locator

➤ Rugged nylon carry case keeps tools organized

SPC No.	Part No. and Description	Price
054X749	TK-184 Clean and Prep Kit	1-5, $434.95 ea.; 6-up, $413.20 ea.

AFL

FlexScan® FTTH-PRO PON OTDR Kits

➤ Kits feature a singlemode OTDR with integrated OPM and VFL

➤ Use for FTTH PON testing, out-of-service PON verification, testing insertion loss and live PON troubleshooting

➤ Kits include FOCIS flex, cleaners, launch cables and adapter tips

SINGLEMODE

SPC No.	Part No. and Description	Price
812X590	FS200-303-FTTH-PRO-S1-ENG-US, 1310/1550/1625	$10525.00 ea.
812X594	FS200-304-FTTH-PRO-S1-ENG-US, 1310/1550/1650	$10525.00 ea.

COAX

Specialized Products has supplied tools and test equipment to the cable television industry for decades. Some of it hasn't changed much, like the SPCtelco COAXtracker8 mapper, Jonard Tools PT-300 continuity tester and the Huber Suhner coax torque wrenches. These testers and tools are tried and true. Other items designed more recently bring new technology to the field. For example, CablePrep's all-in-one tools strip, core and bevel in one motion, and the Platinum Tools Cable Prowler™ tests Cat3/5e/6/6a networks and telephone cable in addition to coax. Find the coax testers, tools and connectors needed for everyday installation and repairs.

Test Equipment

Some test equipment is made specifically for CATV installers, like the SPCtelco COAX-tracker8 and Jonard Tools CM-8 coax cable wire mapper and tone generators. Other test equipment includes coax cable as one type it can be used on. For example, the Platinum Tools VDV MapMaster™ and Tempo NETcat® wiring testers also work with twisted pair.

SEE PAGE 64

Tools

Tools for coax cable are made specifically for round cable. Strippers and coring tools are used to remove the outer jacket and expose the center conductor of the cable. Then compression crimpers are used to install compression connectors onto the cable ends. Break-over style torque wrenches ensures the connector delivers optimal performance.

SEE PAGES 65-68

Tool Kits

Coax tools and connectors are available individually or in kits designed specifically for cable and security technicians. Use them to test, troubleshoot and repair as well as install and maintain cable systems.

SEE PAGES 69-70

Test

RJ45, RJ11/12 and
F-connector ports

Self-storing
Test + Map™
remote is
detachable

VDV Scout® PRO 3 Tester Kits

➤ Test voice, data and video connections, locate cable runs using location ID remotes and measure cable length

➤ Starter Kit has five RJ45 and F-coax locator remotes plus a coax-F adapter

➤ Locator Remote Kit adds locator remotes, coax-F adapter and 6' RJ45, RJ11 & RJ12 jumper cables, plus the ability to test PoE

SPC No.	Part No.	Description	Price
060X958	VDV501-851	Tester Starter Kit	1-5, $103.11 ea.; 6-up, $97.95 ea.
060X953	VDV501-852	Locator Remote Kit	1-5, $218.33 ea.; 6-up, $207.41 ea.

LanSeeker™ Cable Tester

➤ Professional cable tester and tone generator

➤ Results are displayed on main unit and on remote unit

➤ LEDs display faults and pair-by-pair results

SPC No.	Part No.	Description	Price
168X230	TP500C	LanSeeker	$71.62 ea.
168X546	610025C	Patch Cables	$12.80 ea.

Lan Pro-Navigator Cable Tester Kit

➤ Features the NC100 NETcat® Micro digital VDV wiring tester

➤ Test STP, UTP and coax cables

➤ Find faults, test end-to-end and cable trace

SPC No.	Part No.	Price
170X685	PA901066	$194.53 ea.

Kit features the NC-100
with a removal remote.

Built-in
flashlight

RJ45, RJ11/12 and
F-connector ports

VDV MapMaster™ 3.0 Cable Tester

➤ Combines continuity testing, mapping, tone generating and length measurement functions into a single tester

➤ Identify up to 20 network or coax cable runs, measure cable length and distance to opens and breaks

SPC No.	Part No.	Description	Price
168X531	T130	MapMaster Tester	$150.37 ea.
168X536	T130K1	MapMaster Kit 1	$231.73 ea.
168X925	T130K3	MapMaster Pro Kit 3	$507.09 ea.

5010

3000A

Coax Adapter Connector Kits

➤ Use to make and repair coax adapters and cables
➤ Create any needed combination
➤ Cable kit has six 48" RG58 cables

SPC No.	Part No.	Description	Price
376X055	TPI-5000A	41-pc. Connector Kit	1-5, $259.00 ea.; 6-up, $247.00 ea.
376X050	TPI-3000A	30-pc. Connector Kit	1-5, $169.00 ea.; 6-up, $161.00 ea.
376X047	TPI-5010	7-pc. Cable Kit	1-5, $199.00 ea.; 6-up, $190.00 ea.

41-Piece Coax Adapter Connector Kit

➤ Thread adapters onto coupling nuts to make coax end terminations
➤ Connector kit includes 32 adapters, 6 couplers, banana plug, binding post and signal sampler

SPC No.	Part No. and Description	Price
630X935	TCK-4100 Coax Adapter Connector Kit	$199.95 ea.
630X938	5749-36 3' Universal Coax Adapter Cable	$27.01 ea.
630X940	5749-72 6' Universal Coax Adapter Cable	$27.01 ea.

RG6/59 Drop Cable Strippers

➤ Tools cut jacket, braid and dielectric to ¼"
➤ Yellow CPT tools expose ⁵⁄₁₆" of center conductor on RG6/59 cable

SPC No.	Part No. and Description	Price
304X412	CPT-6590 w/2 Blades	$27.33 ea.
304X418	CPT-6590-SINGLE	$21.64 ea.
304X280	CPT-6590-1S w/Cable Stop	$22.79 ea.
304X610	RBC-6590 Repl. Blade	$5.67 ea.

RG7/11 Drop Cable Strippers

➤ Blue CPT tools expose ⁵⁄₁₆" of center conductor on RG7/11 cable
➤ Tools cut jacket, braid and dielectric to ¼"

SPC No.	Part No. and Description	Price
304X400	CPT-1100 w/2 Blades	$33.61 ea.
304X263	CPT-1100-SINGLE	$27.31 ea.
304X620	RBC-1100 Repl. Blade	$6.27 ea.

Mini Cable Drop Strippers

➤ Green CPT tools cut jacket, braid and dielectric to ¼"
➤ Tools expose ¼" of center conductor on mini Belden or mini CommScope/Times fiber cable

SPC No.	Part No. and Description	Price
304X405	CPT-7538 Mini Belden	$27.33 ea.
304X660	CPT-7691 Mini CommScope	$28.86 ea.

PrepPRO™ Coax and UTP Stripper

➤ Strip RG59/6/6Q ¼" coax & UTP/STP jacket
➤ Tool is spring-loaded with a fixed blade

SPC No.	Part No. and Description	Price
370X427	45-605 PrepPRO Stripper	$18.96 ea.
370X430	45-6051 Coax Repl. Blade	$6.02 ea.
370X432	45-6052 UTP Repl. Blade	$6.02 ea.

Ringer™ Adjustable Strippers

➤ Strip coax, fiber jackets, mini coax, twisted pair and CATV copper cable
➤ Use 45-163 for ⅛" to ⁷⁄₃₂" RG58 cable and 45-165 for ³⁄₁₆" to ⁵⁄₁₆" RG59/6/6Q cable

SPC No.	Part No. and Description	Price
370X236	45-163 RG58 Stripper	$38.98 ea.
370X238	45-165 RG59/6/6Q Stripper	$37.20 ea.

Round Cable Stripper

➤ Strip and ring ³⁄₁₆" to 1⅛" round cable jackets made of PVC, rubber, PE and more
➤ Make longitudinal, spiral and mid-span cuts
➤ Black adjustment knob precisely sets blade

SPC No.	Part No. and Description	Price
054X820	CST-1140 Round Cable Stripper	
	1-5, $104.95 ea.; 6-up, $100.23 ea.	

Gator® Cable Center Conductor Cleaner

➤ Use to bevel and clean center conductors on hardline cable after stripping and coring

SPC No.	Part No.	Price
304X425	GATOR Center Conductor Cleaner	
	1-5, $27.37 ea.; 6-up, $26.55 ea.	
304X700	TEETH Replacement Blade	
	1-11, $7.74 ea.; 12-up, $7.51 ea.	

Super CPT™ Stripping Tool

➤ Strip jacket, cut braid & dielectric in one step
➤ Has pre-molded RG6/59/7/11 insertion tool

Two color-coded cartridges for RG6/59 and RG7/11

SPC No.	Part No.	Price
304X572	SCPT-6591 Super CPT Stripping Tool	
	1-5, $42.08 ea.; 6-up, $40.82 ea.	
304X610	RBC-6590 Replacement Blade	$5.67 ea.

Three-Step Coax Stripper

➤ Use on 0.1" - 0.3" coax, RG174 to Belden® 8281, RG6, 734 and 735A
➤ 0.328" B and 0.109" C dimensions

SPC No.	Part No. and Description	Price
052X625	ST1/STC-F Stripper	$143.86 ea.
052X575	STC-F Repl. Blade	$57.31 ea.

Operate easily with either hand

Two sets of dogs are built into the Cobra

Cobra 360 Compression Tool

➤ Attach all F-type compression connectors on RG6/59, RG7/11 and mini-coax cables with adjustable COBRA

➤ Self-releasing dogs allow for one-handed cable insertion and removal with 360° connector support

➤ Short and long barrel versions are factory pre-set

SPC No.	Part No. and Description	Price
304X230	Cobra 360 For RG6/59, RG7/11, Black	$52.96 ea.
304X234	Cobra-360-710-G Short Barrel .710, Green	$56.27 ea.
304X236	Cobra-360-830 Long Barrel .830, Black	$52.96 ea.
304X238	Cobra-360-830-G Long Barrel .830, Green	$56.27 ea.

Blades cut aluminum and copper coax cable

KLEIN TOOLS

Coax Cable Cutter

➤ Jaws score jacket and insulation and cut through inner conductor

➤ 1" soft cable-cutting maximum capacity

➤ Cut without compression or frayed ends

SPC No.	Part No.	Price
060X867	63030	1-5, $55.64 ea.; 6-up, $52.86 ea.

Stripping and Coring Tools

➤ AIO tools strip jacket, strip/bevel outer conductor, core dielectric and measure/bevel center conductor

➤ SCT-QR tools strip and bevel outer conductor and core dielectric on CommScope Quantum Reach® cables

➤ HSC tools strip and core ½" to ¾" Commscope P3 and Times Fiber T10 hardline cable

➤ CST tools core & strip in one manual or drilling process

➤ Blue SCT-ALU tools have color-coded guide sleeves

	SPC No.	Part No.	Cable Type	Color Code	Price, 1-5	Price, 6-up
CablePrep	304X300	AIO-500	.500" Coax	Yellow	$150.07 ea.	$145.57 ea.
	304X305	AIO-625	.625" Coax	Green	$150.07 ea.	$145.57 ea.
	304X316	AIO-875	.875" Coax	Gray	$150.07 ea.	$145.57 ea.
JONARD TOOLS	054X426	HSC-50	.500" Hardline	–	$136.95 ea.	$130.10 ea.
	054X422	HSC-625	.625" Hardline	–	$136.95 ea.	$130.10 ea.
	054X428	HSC-75	.750" Hardline	–	$136.95 ea.	$130.10 ea.
	054X424	HSC-875	.875" Hardline	–	$166.95 ea.	$158.60 ea.
CablePrep	304X550	SCT-540QR	.540" QR	–	$150.07 ea.	$145.57 ea.
	304X465	SCT-715QR	.715" QR	–	$157.57 ea.	$152.84 ea.
	304X640	SCT-860QR	.860" QR	–	$157.57 ea.	$152.84 ea.
Cablematic A RIPLEY BRAND	155X335	CST-500	.500" Coax	Red	$95.82 ea.	$93.42 ea.
	155X345	CST-625	.625" Coax	Blue	$95.82 ea.	$93.42 ea.
	155X355	CST-750	.750" Coax	Green	$95.82 ea.	$93.42 ea.
CablePrep	304X602	SCT-412-ALU	PIII, T10	Blue	$77.54 ea.	$75.21 ea.
	304X604	SCT-500-ALU	HFC, PIII, T10	Yellow	$77.54 ea.	$75.21 ea.
	304X606	SCT-565-ALU	PIII, TX	Orange	$77.54 ea.	$75.21 ea.
	304X608	SCT-625-ALU	HFC, PIII, T10	Green	$77.54 ea.	$75.21 ea.
	304X612	SCT-700-ALU	PIII, TX	Maroon	$87.55 ea.	$84.92 ea.
	304X614	SCT-750-ALU	HFC, PIII, T10	Red	$77.54 ea.	$75.21 ea.
	304X616	SCT-840-ALU	PIII, TX	Light Gray	$87.55 ea.	$84.92 ea.
	304X618	SCT-875-ALU	PIII, T10	Gray	$87.55 ea.	$84.92 ea.
	304X622	SCT-625/PF-ALU	CommScope Power Feeder	Green	$83.79 ea.	$81.28 ea.
	304X624	SCT-625/50-ALU	Times Fiber 50 Ohm	Green	$83.79 ea.	$81.28 ea.

Mini RG6/59 Coax Hybrid Compression Insertion Tool

CablePrep
Tools You Trust Since 1979

➤ Insert and attach RCA, some BNC, and F-type connectors
➤ Patented "Dogs" provide 360° connector support
➤ Universal plunger tip

SPC No.	Part No. and Description	Price
304X434	HPT-6590 Compression Tool	1-5, $45.05 ea.; 6-up, $43.70 ea.

CATV All Series Compression Assembly Tool

Cablematic
CABLE PREPARATION TOOLS
A RIPLEY® BRAND

➤ Two sets of spring-loaded jaws
➤ For RG6/59 and RG7/11 connectors
➤ Choose an adjustable or fixed plunger tip

SPC No.	Part No. and Description	Price
155X295	C.A.T.-AS Adjustable Tip	1-5, $73.94 ea.; 6-up, $72.09 ea.
155X308	C.A.T.-AS-FX Fixed Tip	1-5, $73.94 ea.; 6-up, $72.09 ea.

Fixed Compression Tool

JONARD TOOLS®

➤ Compress long F connectors used on RG59/6 and RG7/11 cables
➤ Features 360° support, rotatable head and spring-loaded hinge

SPC No.	Part No. and Description	Price
054X118	CTF-360XL Compression Tool	1-5, $59.95 ea.; 6-up, $56.95 ea.

SARGENT

Front-Loaded CATV Compression Crimpers

➤ Front-loaded for use in confined areas
➤ Head rotates to switch between RG59/6 and RG7/11

SPC No.	Part No.	Description	Price
307X875	SAR-200 US	CATV Blue Crimper, Large Fittings	$64.57 ea.
307X880	SAR-300 US	CATV Green Crimper, Tight Fitting	$64.57 ea.

TELEDYNE

Blades heat to 1700°F in two seconds and then cool instantly

Stripall® Thermal Wire Stripper

➤ Remove insulation thermally and strip wire from 38 to 10 AWG in high melt insulation applications like Teflon®
➤ Features self-contained transformer, adjustable built-in strip length and wire gauge stops

SPC No.	Part No. and Description	Price
605X100	TW-1 Stripall Thermal Wire Stripper	$446.00 ea.

BELDEN
SENDING ALL THE RIGHT SIGNALS®

Snap-N-Seal® ProSNS™ Coax Compression Connectors

➤ One-piece design with true 360° compression
➤ Superior RF shielding and pullout strength

SPC Number	Part Number	Compression Connector Description	Price/Pkg of 25 1-5	6-up
915X368	FSNS59U-25	RG59 Universal F for Standard or Quad Coax	$25.07	$24.44
915X358	FSNS59BNCU-25	RG59 Univ. BNC for Standard or Quad (Not CCTV)	$121.79	$118.75
915X366	FSNS59RCAU-25	RG59 Univ. RCA for Standard or Quad (Not CCTV)	$70.21	$68.45
915X356	FSNS59BNCSL-25	RG59BNC for CCTV (CU Braid, No Tape) Coax	$121.79	$118.75
915X386	FSNS6U-25	RG6 F Connector for Standard or Tri Shield Coax	$25.07	$24.44
915X350	FSNS1P6QS-25	RG6 F Connector for Quad Shield Coax	$27.20	$26.52
915X374	FSNS6BNCU-25	RG6 Universal BNC for Standard or Quad Coax	$121.79	$118.75
915X384	FSNS6RCAU-25	RG6 Universal RCA for Standard or Quad Coax	$70.21	$68.45
915X360	FSNS59PL-25	RG59 F Connector for Plenum Coax	$32.24	$31.43
915X352	FSNS59BNCPL-25	RG59 BNC Connector for Plenum Coax	$126.81	$123.64
915X354	FSNS59BNCPL3-25	RG59 BNC for Plenum Coax (23 AWG)	$126.81	$123.64
915X364	FSNS59RCAPL-25	RG59 RCA Connector for Plenum Coax	$73.08	$71.25
915X376	FSNS6PL-25	RG6 F Connector for Plenum Coax	$32.24	$31.43
915X370	FSNS6BNCPL-25	RG6 BNC Connector for Plenum Coax	$126.81	$123.64
915X372	FSNS6BNCPLQ-25	RG6 BNC for Plenum Quad Shield Coax	$126.81	$123.64
915X380	FSNS6RCAPL-25	RG6 RCA Connector for Plenum Coax	$73.08	$71.25

SARGENT

Easy-Strip RG6/59 Stripper

➤ Strip RG6/59 CATV cable
➤ One-piece construction with factory preset blade height

SPC No.	Part No.	Description	Price
307X472	8700 ES	Coax Stripper	$19.37 ea.

BELDEN
SENDING ALL THE RIGHT SIGNALS®

Tech Express Kit

➤ Terminate RG59 and RG6 cable
➤ 360° connections on Snap-N-Seal connectors
➤ Compression tool and coax stripper in a carrying case

SPC No.	Part No. and Description	Price
915X388	PROPSAKIT Tech Express Kit	1-5, $164.79 ea.; 6-up, $160.67 ea.
915X300	CPSNSCT-596 ProSNS Tool Only	1-5, $120.09 ea.; 6-up, $117.09 ea.
879X500	PSA59/6 Coax Stripper Only	1-5, $47.97 ea.; 6-up, $46.77 ea.

Torque Wrenches

➤ Break-over style wrenches pivot when torque is achieved, preventing over-torque conditions

➤ This ensures optimal performance and assures users that proper torque has been reached

HUBER+SUHNER

	SPC Number	Part Number	Connector Series Type	Torque Setting Nm	In-Lb	Opening Size	Price Each
	419X416	74Z-0-0-79	SMA Economic	0.45	3.98	8 mm/ .315"	$154.25
	419X421	74Z-0-0-21	SMA/PC 3.5	1.00	8.8	8 mm/ .315"	$139.59
	419X418	74Z-0-0-80	Hermetically-Sealed SMA	1.95	17.26	7 mm/ .276"	$185.78
	419X411	74Z-0-0-45	SMC	0.35	3.09	6 mm/ .236"	$220.38
	419X400	74Z-0-0-174	SK	1.30	11.51	8 mm/ .315"	$204.68
	419X405	74Z-0-0-192	TNC (15mm/ .591" hex nut)	1.00	8.8	15 mm/ .591"	$264.50
	419X410	74Z-0-0-193	N (20mm/ .787" hex nut)	1.00	8.8	20 mm/ .787"	$264.50
	419X432	74Z-0-0-321	N (19mm/ .748" hex nut)	1.00	8.8	19 mm/ .748"	$285.59

JONARD TOOLS

Terminator Tools

➤ Use with various locking terminators

➤ Ergonomic handles provide leverage and grip

SPC No.	Part No. and Description	Price
054X723	TT-7 8" Terminator Tool	1-11, $17.95 ea.; 12-up, $17.05 ea.
054X721	TT-4 4.5" Terminator Tool	1-11, $15.95 ea.; 12-up, $15.15 ea.

JONARD TOOLS

Barrel Lock Plunger Keys

➤ Use TTB-6 on Highfield and Innertite barrel locks with inside diameters from .176" to .196"

➤ Use TTBW-158 on #6 locks with inside diameters of 0.158"

SPC No.	Part No. and Description	Price
054X746	TTB-6 Barrel Lock Plunger Key	1-11, $66.95 ea.; 12-up, $63.60 ea.
054X744	TTBW-158 Size #6 Key	1-5, $66.95 ea.; 6-up, $63.60 ea.

Universal F Connector Torque Wrench

CablePrep Tools You Trust Since 1979

➤ Applies 30 in/lb of torque to F connectors

➤ Has green color-coded torque ID ring

SPC No.	Part No. and Description	Price
304X715	TRX-7/16-30 Torque Wrench	1-11, $28.74 ea.; 12-up, $27.88 ea.

Trompeter Connectivity Solutions

BNC/TNC Removal Tool

➤ Use in high-density or hard-to-reach places

➤ Remove BNC/TNC twist-on connectors

SPC No.	Part No. and Description	Price
052X500	RT1L 12" Removal Tool	$57.53 ea.

HUBER+SUHNER

SUCOFEED Tools

➤ Cable stripping tools prepare ½" SUCFOEED foam corrugated coax

➤ Terminate QUICK-FIT coaxial connectors

SPC No.	Part No. and Description	Price
419X450	74Z-0-12-15 Stripper, CU	$505.18 ea.
419X058	74Z-0-9-15, CU High Flex	$531.76 ea.

Security Hex Driver

➤ Drive hex pin-in-head security fasteners

JONARD TOOLS

SPC No.	Part No. and Description	Price
300X160	BW-532 9" Security Hex Driver	1-11, $5.95 ea.; 12-up, $5.65 ea.
054X172	BW-532-3 6" Security Hex Driver	1-11, $5.95 ea.; 12-up, $5.65 ea.

Locking Terminator Tool

Cablematic A RIPLEY BRAND

➤ Install and remove GTP and PPC LFT from tap ports

SPC No.	Part No. and Description	Price
155X373	LTT-4 4½" Locking Terminator Tool	1-11, $14.57 ea.; 12-up, $14.21 ea.
155X376	LTT-7 8" Locking Terminator Tool	1-11, $15.15 ea.; 12-up, $14.77 ea.

 JONARD TOOLS®

	SPC Number	Part Number	Connector Series Type	Torque Setting Nm	Torque Setting In-Lb	Opening Size	Price 1-Piece	Price Break
	054X716	TWAF-71620	F	2.26	20	11.11 mm/ 7⁄16"	$33.95	$32.25
	054X718	TWAF-71630	F	3.39	30	11.11 mm/ 7⁄16"	$33.95	$32.25
	054X774	TWAF-22176	3.5-12 DIN	20	176	22 mm/ .866"	$84.95	$80.70
	054X717	TWAS-71620	F	2.26	20	11.11 mm/ 7⁄16"	$33.95	$32.25
	054X719	TWAS-71630	F	3.39	30	11.11 mm/ 7⁄16"	$33.95	$32.25
	054X750	TWSW-40	NID mounting, cable shield bond/ground	4.52	40	15 mm/ .591"	$62.95	$60.12

Torque Wrenches

➤ Full-size open-head TWAF-style wrenches with audible click prevent over tightening
➤ Speed-head TWAS-style wrenches skip over the corners of nuts and bolts so no repositioning is required
➤ Right-angle swivel-head TWSW-style wrench heads pivot in 90° increments

SPC946 Coax Coring Tool Kit

➤ Use SCT-ALU tools to remove aluminum sheath, core the dielectric and bevel the outer conductor on hardline cables
➤ Gator® bevels center conductor and removes bonded dielectric without scoring the conductor
➤ Case is shock-resistant, crack-proof, dust-proof and watertight

SPC No.	Description	Price
SPC946	Coax Coring Tool Kit	1-5, $540.00 ea.; 6-up, $513.00 ea.

SPC946 Tools List		
Yellow .500" Coax Prep Tool	Red .750" Coax Prep Too	Gator Center Conductor Cleaner
Green .625" Coax Prep Tool	Gray .875" Coax Prep Tooll	Tool Case with Padded Dividers

SPC777/SPC775 Coax Troubleshoot and Repair Kits

➤ Kits contain all tools needed to troubleshoot and repair coax installations
➤ SPC777 includes SealSmart F compression connectors color-coded red for RG59
➤ SPC775 includes SealSmart F compression connectors color-coded black for RG6

SPC No.	Description	Price
SPC777	RG59 Troubleshoot and Repair Kit	1-5, $307.00 ea.; 6-up, $292.00 ea.
SPC775	RG6 Troubleshoot and Repair Kit	1-5, $307.00 ea.; 6-up, $292.00 ea.

SPC777/SPC775 Tools List		
Claw hammer, 16 oz.	8-Way Coax Tester w/Connectors	¼" x 4" Slot Screwdriver
Cable Cutter	Mini Maglite Flashlight w/AA Batteries	¼" x 6" Slot Screwdriver
Multi-Stripper	F-F Coax Cable Adapter	#2 x 4" Phillips Screwdriver
Cable Ties, 7⅞", 100/Pkg	2-Way Coax Splitter	#2 x 6" Phillips Screwdriver
Adjustable Compression Tool	RG59 Shielded Coax Cable	F-Connectors (RG59 or RG6), 25/Pkg
Electrical Tape, ¾" x 60'		Tool Pouch, 21 pockets

SPC710 Coax Test Installation Kit

➤ Troubleshoot multi-run cables
➤ F-Connectors are color-coded for easy identification — blue, black and red
➤ VDV ProTech™ case has 12 smaller upper tier and six larger lower tier organizational compartments

SPC No.	Description	Price
SPC710	Coax Kit	1-5, $285.00 ea.; 6-up, $271.00 ea.

SPC710 Tools List	
Cable Cutter	F-F Coax Cable Adapter
Multi-Stripper	2-Way Coax Splitter
Adjustable Compression Tool	RG6 QUAD F-Connectors, 25/Pkg
Coax Tracker	RG6 F-Connectors, 25/Pkg
Mini Maglight Flashlight	RG59 F-Connectors, 25/Pkg
AA Batteries, 2	Transport Case, 18 Compartments

SPC495 Network Installation and Maintenance Kits

➤ Kits feature a traditional set of high-quality fastening tools to install and maintain telecom instrumentation

➤ Top pallet organizes Klein cushion-grip screwdrivers and nut drivers plus Wiha precision screwdrivers

➤ Kit includes basic troubleshooting tools and hard-to-find specialty tools for twisted-pair applications

SPC No.	Description	Price
SPC495	5½" Roto-Classic Kit	1-5, $1193.00 ea.; 6-up, $1134.00 ea.
SPC495C	8" Luggage Cart Kit	1-5, $1390.00 ea.; 6-up, $1321.00 ea.
SPC495D	8½" Roto-Classic Kit	1-5, $1192.00 ea.; 6-up, $1133.00 ea.

SPC495 Tools List		
Slip Joint Pliers, 6"	Tape Measure, 16'	Coax Cable Cutter
Wrench, 6" Adjustable w/Cushion	Electrician's Scissors	Standard Locking Pliers, 5"
Long Nose with Cutter, 6"	Screw Starter, Slot/Phillips	Miniature Wrench Set, SAE
Pliers, Diagonal Flush Cut, 5"	Precision Knife, #1	100/66 Punchdown Tool
Cutter with Strip Notch, 5"	Slim Line Pliers	Modular Adapter
7 Cushion-Grip Screwdrivers	Leatherman Multi-Tool	Tone Generator
(¼" x 1.5", ³⁄₁₆" x 4", ¼" x 4",	Ball End Driver Hex Key Set	Probe
⁵⁄₁₆" x 6", #2 Stubby, #1 Phillips,	Metric Ball Driver Set, 1.5 -5.0	JackTest Multi-Jack Identifier
#2 Phillips)	Precision Screwdriver Set	T6 Stripper
5 Cushion-Grip Nut Drivers	2 AA Industrial Flashlight	Stat-Gard Receptacle Analyzer
(⁷⁄₁₆", ½", ⅜", ⁵⁄₁₆", ¹¹⁄₃₂")	2-Cell AAA Penlight w/Battery	AA Cells, 2-Pack

A deeper 8½" roto-classic case or an 8" luggage cart case offers more storage

Black 5½" roto-classic tool case

SPC260 Deluxe Telco Installer Tool Kits

➤ Kits contain the necessary tools and test equipment required to install electronic telephone systems

➤ Tone and probe set with steady tone and clear loud speaker, plus the 110/66 punchdown tool with twist-and-lock blade socket are musts for telephone equipment installers

➤ Pockets in case bottom are designed for a DMM and butt set

SPC No.	Description	Price
SPC260X	Two-Section Zipper Case Kit	1-5, $471.00 ea.; 6-up, $448.00 ea.
SPC260B	One-Section Zipper Case Kit	1-5, $344.00 ea.; 6-up, $327.00 ea.

SPC260 Tools List		
Serrated Scissors	Yankee Push Drill	Wire Stripper, 16-26 AWG
Tone and Probe Set	Slot Screwdriver w/Pocket Clip	Slotted Screwdriver, ³⁄₁₆" x 3"
Piano Wire Cutters	Phillips Screwdriver w/Pocket Clip	Slotted Screwdriver, ¼" x 4"
Long Nose Pliers, 5"	Punchdown Tool w/66/110 Blade	Phillips Screwdriver, #1 x 3"
Wiring Spudger	Adjustable Wrench, 6"	Phillips Screwdriver, #2 x 4"
Modular Adapter		

Choose the two-section case for additional storage or the standard one-section case

SPC295 Telecom Tool Kits

➤ Kits bring together items telecom network installers and repair technicians need for voice and data

➤ Kits feature quality fastening tools, pliers & drivers

➤ Kits add Cat5e modular plugs, RG6/59 coax wire stripper, 110/66 punchdown tool and two testers - one for receptacles and one for jacks

SPC No.	Description	Price
SPC295BP	Backpack Kit	1-5, $821.00 ea.; 6-up, $780.00 ea.
SPC295AC	Waterproof Kit	1-5, $925.00 ea.; 6-up, $879.00 ea.

SPC295 Tools List		
Slip Joint Pliers, 6"	Tone and Probe Set	Receptacle Tester
5 Cushion-Grip Nut Drivers	Piano Wire Cutters	Jacktest+
(, ⁷⁄₁₆", ½", ⅜", ⁵⁄₁₆", ¹¹⁄₃₂")	Hook & Loop Cable Ties, 8"	AA Mini Maglite
3 Slot Screwdrivers	Long Nose Pliers, 5"	Cat5e Modular Plugs, 50/pk
(⅛" x 3", ³⁄₁₆" x 3", ¼" x 4")	Needle Nose Pliers, 6"	Cable Jacket Stripper
3 Phillips Screwdrivers	Slim Needle Nose Pliers, 6"	RG6/59 Coax Wire Stripper
(#0 x 4", #1 x 3", #2 x 4")	Flat Nose Pliers, 5.5"	Punch Down Tool
Tape Measure, 16'	SAE Ball End Driver Hex Set	110/66 Blade
Sealsmart II Compression	Metric Ball End Driver Hex Set	Adjustable Wrench, 6"
Tool	Locking Pliers, 5"	Wire Stripper, 16-26 AWG
Electricians Scissor	Data T-Cutter	

Kits come in a hands-free easy-to-carry backpack case or a rugged waterproof case for all types of environments

TWISTED PAIR

Specialized Products is a trusted supplier of tools and test equipment to telecom technicians. We offer the industry standard telephone test sets, tone and probe kits and punchdown tools from manufacturers like Fluke Networks and Tempo. We also supply the latest equipment needed to keep pace with technology. For example, the NetXpert from Softing tests fiber and copper wire, and the new Fluke Networks CableAnalyzer handles cabling systems up to Cat8. Our twisted pair product offering and tool kits are featured here.

How does twisted pair cable wiring work to maintain high speed communication? It reduces the natural self-inductance property of wire. Inductance restricts the speed of the signal sent down the cable. Mechanically it involves placing the two loose wires right next to each together that carry the same signal/power out and back together. Using the laws of wire physics can solve the inductance problem. Twisting action allows us to take two loose wires and build a tightly spaced pair of wires. The closer the two wires are to each other, the better the inductance reduction in the wire pair.

Physics-wise it is all about using the magnetic field that appears around a wire when current is flowing in the wire against itself. The polarity of the magnetic field is tied to the polarity/direction of the current flowing in the wire. When the two wires are placed right next to each other, the opposite current flow in each wire will in turn create equal but opposite magnetic fields. The two magnetic fields from each wire will then fight each other and cancel each other out. The cancellation of the magnetic field in wires in turn neutralizes the natural inductance in the wires. The goal using a "Twisted Pair" is to keep the mechanical spacing of the two wires as small and tight as physically possible over the entire length of the cable. The tight spacing of the twisted pair of wires reduces inductance mechanically and magnetically, thus maintaining the high speed of communication over long cable runs.

Test Equipment

Twisted pair, Cat5/6, UTP, RJ45 and more are all terms to describe the wiring and cabling used in telecom and network systems. Testing, toning, verifying and certifying these systems requires a wide array of products, depending on the application. The SPCtelco JackTest is a simple go/no-go LAN and phone jack tester. The Platinum Tools NetProwler™ detects current link speed to 1 Gb/s.

SEE PAGES 72-77

Tools

Whether wrapping wire around a post, crimping modular plugs or simply slitting cable, the tools, connectors, bits and sleeves needed to perform these tasks and more are included in this section.

SEE PAGES 78-87

Tool Kits

Our twisted pair tool kit selection includes basic utility kits, cable splicing kits, and kits with specific connectors, like the Scotchlok IDC connector kit. These smaller kits come in tool pouches that attach to a belt. We also offer more complete kits for data and telecom installers to take in the field, voice and data tool kits for site managers, and kits for technicians performing VoIP network maintenance.

SEE PAGES 88-90

Test

Kit features the NC-100 with a removal remote.

TEMPO COMMUNICATIONS

Lan Pro-Navigator Cable Tester Kit

➤ Features the NC100 NETcat® Micro digital VDV wiring tester
➤ Test STP, UTP and coax cables
➤ Find faults, test end-to-end and cable trace

SPC No.	Part No.	Price
170X685	PA901066	$194.53 ea.

PLATINUM TOOLS

Use the detachable remote with a patch cable for mapping and cable testing

LEDs show pair-by-pair results on main and remote unit

Debug mode diagnoses and displays faults one pair at a time

LanSeeker™ Cable Tester

➤ Professional cable tester and tone generator in one unit
➤ Cable test results displayed on main and remote units
➤ LEDs show faults and pair-by-pair results and generates audio tones for use with tone tracers on all pairs

SPC No.	Part No.	Description	Price
168X230	TP500C	LanSeeker Cable Tester	$71.62 ea.
168X546	610025C	5" Cat6 Network Patch Cables FTP, 4/Pk.	$12.80 ea.

TRIPLETT Test Equipment & Tools
ByteBrothers™
Network Test and Certification

LVPR030SR version adds eight smart remotes for additional testing

Features 13 test applications and storage for up to 250 test reports

Includes a detachable remote plus ten RJ45 and ten coax remotes

Low Voltage PRO Cable Testers

➤ Meets low voltage demands on phone, coax, Cat5/6 and alarms
➤ Locate faults, wire map, measure cable length and distance to opens or shorts
➤ 10/100/1000 detection, PoE, CCTV/Vpp, and loaded battery test
➤ Utilizes eight smart remotes to allow additional testing

SPC No.	Part No.	Description	Price
770X310	LVPRO30SR	Pro 30SR Tester w/added Smart Remotes	$799.99 ea.

RJ45, RJ11/12 and F-connector ports

Self-storing Test + Map™ remote is detachable

VDV Scout® PRO 3 Tester Kits

➤ Test voice, data and video connections, locate cable runs using location ID remotes and measure cable length

➤ Starter Kit has five RJ45 & F-coax locator remotes & coax-F adapter

➤ Locator Remote Kit adds locator remotes, coax-F adapter and 6' RJ45, RJ11 & RJ12 jumper cables, plus the ability to test PoE

SPC No.	Part No.	Description	Price
060X958	VDV501-851	Tester Starter Kit	1-5, $103.11 ea.; 6-up, $97.95 ea.
060X953	VDV501-852	Locator Remote Kit	1-5, $218.33 ea.; 6-up, $207.41 ea.

Unit can be upgraded from 1 to 10 Gb/s in one performance level steps

Clear user interface with large 7" touch screen display

Two SFP ports for testing fiber optic links support 1 Gb/s and 10 Gb/s

optimize!
softing

Each kit includes one active remote with RJ45 and USB ports

RJ45 sockets are replaceable without having to open up the device

NetXpert XG2 BERT Ethernet Cable Tester

➤ Prove Ethernet speed with BERT of copper and fiber to 10 Gb/s

➤ TDR and fiber cable length measurement plus PoE testing to 90 W

➤ Complete active network testing over copper, fiber and WiFi

SPC No.	Part No.	Description	Price
942X033	226737	NetXpert XG2 1G Ethernet Cable Tester	$2995.00 ea.
942X041	226739	NetXpert XG2 5G Ethernet Cable Tester	$4195.00 ea.
942X025	226736	NetXpert XG2 10G Ethernet Cable Tester	$6795.00 ea.
942X010	226735	NetXpert XG2 Plus Fiber & Copper Test Kit	$8995.00 ea.
942X270	226528	NXCM TT108 #1-8 Net/Tel Remotes	$160.00 ea.
942X275	400926	NXCM RJ45 to M12 Cable	$82.00 ea.
942X299	226555	NetXpert License Upgrade 1 Step	$1200.00 ea.

PLATINUM TOOLS

Built-in flashlight

RJ45, RJ11/12 and F-connector ports

VDV MapMaster™ 3.0 Cable Tester

➤ Combines continuity testing, mapping, tone generating and length measurement functions into a single tester

➤ Identify up to 20 network or coax cable runs, measure cable length and distance to opens and breaks

SPC No.	Part No.	Description	Price
168X531	T130	MapMaster Tester	$150.37 ea.
168X536	T130K1	MapMaster Kit 1	$231.73 ea.
168X925	T130K3	MapMaster Pro Kit 3	$507.09 ea.

Coax RF Adapter Kit

➤ 41-piece kit with 32 adapters, 6 couplers, banana plug, binding post and sampler

➤ Use to custom make coax end terminations by threading adapters onto coupling nuts

➤ Universal coax adapter cables come in 3' and 6' lengths

SPC No.	Part No.	Description	Price
630X935	TCK-4100	Full Kit	$199.95 ea.
630X938	5749-36	3' Cable	$27.01 ea.
630X940	5749-72	6' Cable	$27.01 ea.

TCK-4100 Contents

"F" adapters, 2 male & 2 female
"N" adapters, 2 male & 2 female
BNC adapters, 2 male & 2 female
RCA adapters, 2 male & 2 female
SMA adapters, 2 male & 2 female
TNC adapters, 2 male & 2 female
UHF adapters, 2 male & 2 female
Mini UHF adapters, 2 male & 2 female
6 Coupling Adapters
Double banana plug
Double binding post
Signal Sampler

TPI-5010

30-Piece Coax Adapter Connector Kit

➤ Use to make and repair coax adapters and cables

➤ Create any needed combination

➤ Cable kit has six 48" RG58 cables

SPC No.	Part No.	Description	Price
376X050	TPI-3000A	30-pc. Connector Kit	1-5, $169.00 ea.; 6-up, $161.00 ea.
376X047	TPI-5010	7-pc. Cable Kit	1-5, $199.00 ea.; 6-up, $190.00 ea.

41-Piece Coax Adapter Connector Kit

➤ More options for creating reusable connectors and cables

➤ Brass connectors, gold-plated contacts and zinc-plated shells

SPC No.	Part No.	Description	Price
376X055	TPI-5000A	41-pc. Connector Kit	1-5, $259.00 ea.; 6-up, $247.00 ea.
376X047	TPI-5010	7-pc. Cable Kit	1-5, $199.00 ea.; 6-up, $190.00 ea.

Open & short circuit detection up to 8000'

Bridge tap found at 945'

TS®100 PRO Cable Fault Finder TDR with Bridge Tap Detection

➤ PowerBT™ bridge tap detection up to 3200'

➤ Open and short circuit detection to 8000'

➤ Built in TDR and SmartTone® tone generator

SPC No.	Part No. and Description	Price
044X977	TS100-PRO-BT-TDR Cable Fault Finder	$1134.99 ea.

Large LED screen and simple menu is easy to read

One button operation

TS90 Cable Fault Finder

➤ Fault locator, cable and wire manager plus SmartTone™ analog tone generator

➤ Measure up to 2500' with results as a distance from one end of any cable pair

➤ Features voltage detection and is moisture proof

SPC No.	Part No.	Description	Price
350X538	26500090	TS90 Cable Fault Finder	$309.76 ea.

SPCtelco™

JackTest+ LAN and Phone Tester

➤ Single-ended GO/NO-GO tester for both LAN and phone jacks
➤ LAN plug detects the absence of pair's closed conductance loop
➤ Phone plug detects tip/ring polarity to verify punch down wiring

SPC No.	Part No. and Description	Price
686X312	JackTest+ LAN and Phone Tester	$14.95 ea.

SIEMON™

UTP Cable Tester

➤ Find opens, shorts, reversals, miswires, split pairs and cable length
➤ Test and identify up to 4 cable runs with results displayed on LCD

SPC No.	Part No. and Description	Price
620X345	STM-8, Remote	1-5, $343.35 ea.; 6-up, $326.19 ea.
620X350	STM-8-R3, Set of 3 Remotes	1-5, $80.34 ea.; 6-up, $76.32 ea.

IDEAL®

LinkMaster™

➤ Check continuity
➤ Test wiring configurations of data and modular plugs
➤ Wiring chart for exact pinout verification of all 8 wires in RJ45 UTP/STP cable

SPC No.	Part No. and Description	Price
370X490	62-200 LinkMaster Tester	$89.78 ea.

MOD-TAP

SLT3™ Single-Line Tester

➤ End-to-end testing
➤ Built-in modular jack
➤ Instant identification of voice and data problems like continuity and sequencing

SPC No.	Part No. and Description	Price
712X300	33-100 SLT3 Tester	1-5, $146.88 ea.; 6-up, $139.54 ea.

LAN Explorer™ Data Cable Tester

➤ Test RJ11, RJ12 and RJ45 voice and data cables
➤ Pass/Fail results indicated with LEDs

SPC No.	Part No.	Description	Price
060X985	VDV526-100	Data Cable Tester	
		1-11, $35.16 ea.; 12-up, $33.40 ea.	

TRIPLETT Test Equipment & Tools by ByteBrothers™

TVR10/100/1000K 1000 MB/s AND DUPLEX NOW INCLUDES

Multi-Functional LAN Tester

➤ Perform the tests of seven different testers
➤ Locate faulty hub, PCs or connections
➤ Determine device, LAN speed and duplex
➤ Identify cables and PoE

SPC No.	Part No. and Description	Price
770X100	TRV10/100/1000K Tester	$219.99 ea.

PLATINUM TOOLS

Net Chaser™ Ethernet Speed Certifier and Tester

➤ Test and speed certify Ethernet cables to 1 Gb/s
➤ Test for noise and detect wiring faults to ensure cables can support speed
➤ Conduct BER test while measuring SNR and delay SKEW to ensure transmission at max throughput

SPC No.	Part No. and Description	Price
903X435	TNC950AR Test Kit	$2265.64 ea.
903X440	TNC950DX Deluxe Kit	$2500.39 ea.

TEMPO COMMUNICATIONS

Modular Cable Tester

➤ Test four-pair data and voice cable links
➤ Sequential light LEDs correspond to wires

SPC No.	Part No.	Description	Price
367X468	468-G	Cable Tester	$207.65 ea.

TEMPO COMMUNICATIONS

LAN Cable-Check™

➤ Test continuity of UTP and flat satin cables with RJ45 terminations
➤ Test data and telephone with 2 scan speeds

SPC No.	Part No.	Description	Price
170X094	PA1574	LAN Cable Check	$36.48 ea.

FLUKE networks

MicroMapper™ Wiremap Checker

➤ Verify integrity of Ethernet twisted-pair cabling
➤ See opens, shorts, crossed, reversed and split pairs
➤ LED fault display

SPC No.	Part No.	Description	Price
044X459	MT-8200-49A	MicroMapper	$150.53 ea.

Test

Data Diver Test Set

➤ Delivers basic test set functions
➤ DTMF tone and pulse operation
➤ Has ABN cord set & RJ-11 plug

SPC No.	Part No.	Description	Price
169X500	MT-8006B	Data Driver Test Set	$124.95 ea.

Telephone Line Tester Butt Set

➤ Maintain analog telephone lines
➤ Dial, ring, talk, mute and redial
➤ Has waterproof housing and ABN clips

SPC No.	Part No.	Description	Price
054X699	TBS-100	Telephone Line Tester	$104.95 ea.

TS®22 Rugged Test Set

➤ RainSafe™ and DropSafe™ to 20'
➤ High-impedance DataSafe® operation
➤ Two audio levels and one-way speaker

SPC No.	Part No.	Description	Price
350X415	22800009	TS22 w/ABN Cord Set	$457.40 ea.

TS®54 Professional TDR Test Set

➤ Performs 10 test functions including TDR, toner & pair identifier
➤ Find cable length to 3000' and ID pairs

SPC No.	Part No.	Description	Price
350X895	TS54-A-09-TDR	ABN Piercing Pin Cord	$812.52 ea.

Banjo Modular Adapters

➤ Gain circuit access without discon- necting equipment

SPC No.	Part No.	Description	Price
350X156	10210100	4-Wire Modular Banjo Adapter	$38.59 ea.
350X161	10220100	6-Wire Modular Banjo Adapter	$43.42 ea.
350X191	10230100	8-Wire Modular Banjo Adapter	$43.42 ea.

TS®19 Basic Lineman's Test Set

➤ Has most requested features
➤ High-impedance DataSafe® mode
➤ DTMF touch-tone and pulse operation

SPC No.	Part No.	Description	Price
350X250	19800003	TS19 Test Set	$193.96 ea.

TS®30 Lineman's Test Set

➤ Industry standard field test set
➤ RainSafe™ and DropSafe™ to 20'
➤ DataSafe® operation in monitor mode

SPC No.	Part No.	Description	Price
350X630	30800009	TS30 w/ABN Cord Set	$380.00 ea.

TS®22A Lineman's Test Set

➤ Field test set with TS22 features
➤ Adds two-way speaker phone for true hands-free conversations

SPC No.	Part No.	Description	Price
350X450	22801009	TS22A w/ABN Cord Set	$538.46 ea.

Tel Scope™ Test Set

➤ Modifiable interface via soft key menu and glow-in-dark keypad
➤ IP54 rated is rainproof, water and dust resistant and 100% data safe

SPC No.	Part No.	Description	Price
903X091	TLA300-1	ABN Piercing Pin Cord Set	$281.88 ea.

MODAPT® 6-8 Position Modular Adapter

➤ In-line testing of any plug/jack combination
➤ Wire charts printed on body

SPC No.	Part No.	Description	Price
620X450	MODAPT	Modular Test Adapter 1-11, $33.84 ea.; 12-up, $32.14 ea.	

TEMPO COMMUNICATIONS

Tone and Probe Tracing Kits

➤ Use on non-active networks and in low voltage applications
➤ 701K kits have a stronger toner

SPC No.	Part No.	Description	Price
297X672	601K-G	Basic Tracing Kit	$85.00 ea.
297X240	701K-G	Kit w/Alligator Clips	$100.37 ea.
297X242	701K-G/6A	Kit w/ABN Clips	$108.61 ea.
297X129	200EP-G	Probe Only	$66.91 ea.

FLUKE networks

IntelliTone™ Pro 200 Toner and Probe Set

➤ Offers digital and analog toning
➤ Locate bundle and isolate cable
➤ Visual end-to-end continuity testing

SPC No.	Part No. and Description	Price
044X472	MT-8200-60-KIT Tone and Probe Set	$302.04 ea.
044X474	MT-8200-61-TNR Toner	$204.57 ea.
044X476	MT-8200-63A Probe	$192.03 ea.

JONARD TOOLS

Cable Tester Tone and Probe Kit+

➤ Cable Tester and Toner+ has ABN clips
➤ Multi-function kit includes Toner+, Tone Tracing Probe+ and Accessory Kit

SPC No.	Part No. and Desc.	Price
054X778	TEPT-901 Kit	1-5, $126.95 ea.; 6-up, $120.60 ea.

FLUKE networks / KLEIN TOOLS / JONARD TOOLS

11294000

VDV026-049

JIC-891

JIC-22148

FLUKE networks
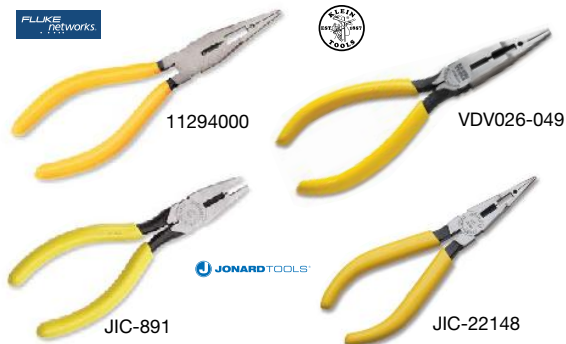
Pro3000™ Tone and Probe Series

➤ Use on inactive wiring
➤ SmartTone™ technology
➤ Analog tone generator

Pro3000F60-KIT

SPC No.	Part No. and Description	Price
350X095	26000900 Pro3000 Kit	$135.09 ea.
044X712	Pro3000F60-KIT Kit w/Filtered Probe	$193.96 ea.

PLATINUM TOOLS

Tone and Probe Set

➤ Cable tracing and cable identification made easy
➤ Steady tone, push-to-scan button and clear speaker

SPC No.	Part No.	Description	Price
168X530	TP150	Tone and Probe Set	$30.66 ea.

JONARD TOOLS

Cable Tester Tone and Probe Kit

➤ Economical solution
➤ Quickly trace and identify cables, wire and wire pairs

SPC No.	Part No. and Desc.	Price
054X768	TETP-800 Kit	1-5, $65.95 ea.; 6-up, $62.65 ea.
054X770	TEP-100 Probe	1-5, $36.95 ea.; 6-up, $35.10 ea.
054X772	TET-600 Toner	1-5, $38.95 ea.; 6-up, $37.00 ea.

Scotchlok™ Connector Crimping Pliers

➤ Use these pliers to crimp and seat UR, UY and UG Scotchlok IDC connectors
➤ Use pliers for wire wrapping, looping and twisting
➤ Pliers have cutters and comfort yellow plastic grips

SPC No.	Part No. and Description	Price
350X315	11294000 Need-L-Lock™ 4-in-1, 6½"	$28.94 ea.
060X981	VDV026-049 Long Nose Pliers, 7"	$23.91 ea.
054X473	JIC-891 Crimping Pliers, 5½"	$18.95 ea.
054X441	JIC-22148 Long Nose Combo Pliers, 7"	$20.95 ea.

CORNING

Scotchlok™ now Presslok™ IDC Cat5 Connectors

➤ For butt splicing
➤ UR & UY gel-filled polycarbonate
➤ UR2/UY2 gel-filled moisture resistant polypropylene

	Type	Part No.	Conductor Type	Insulation Max O.D.	Wire Gauge	Stock No. (100/pk)	Price/pk (100/pk)	Stock No. (1000/pk)	Price/pk (1000/pk)
		UR	2 or 3 Solid Copper Conductors	0.060"	26-19	599X923	$16.00	599X922	$160.04
		UR2	2 or 3 with Different Wire Gauges	0.082"	26-19	599X926	$15.00	599X925	$149.25
		UY	2 Solid Copper Conductors	0.060"	26-22	599X928	$13.50	599X927	$134.97
		UY2	2 with Different Wire Gauges	0.082"	26-19	599X930	$14.50	599X929	$144.15

Crimp cavity for
RJ11 and RJ12
modular plugs

Strip cavity for
flat 6- and 8-
conductor cable

Built-in cable
cutter on the
back side of tool
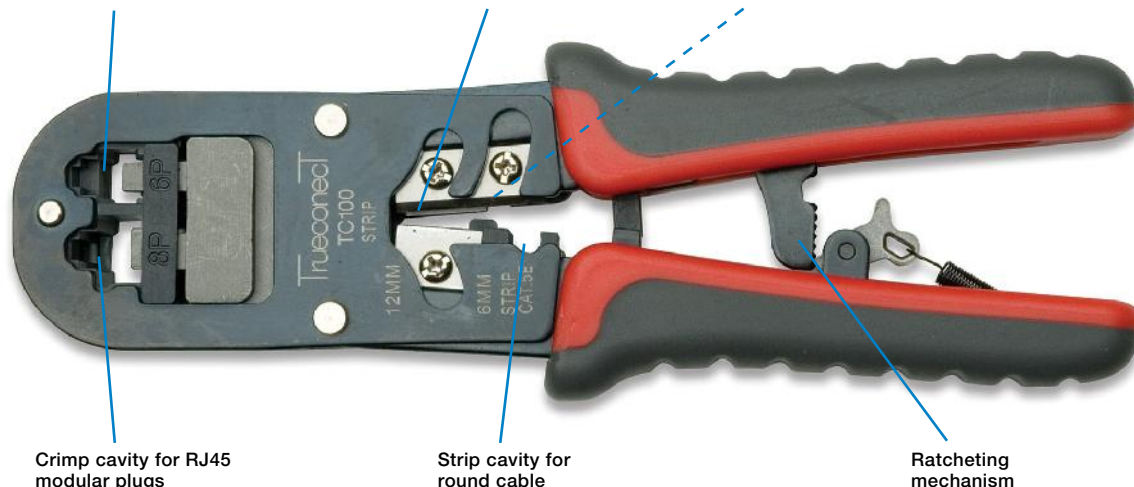
Crimp cavity for RJ45
modular plugs

Strip cavity for
round cable

Ratcheting
mechanism

Pro-Series Ratcheting Modular Plug Crimper

➤ Dedicated crimp cavities for RJ11/12 and Cat5/5e/6 RJ45 plugs
➤ Strip cavities for round cable and six/eight conductor flat cable
➤ Wire cutter on the back side of the tool

SPC No.	Part No. and Description	Price
904X100	TC100 Ratcheting Modular Plug Crimper	$29.95 ea.

Why TrueConect?

The Pro-Series TrueConect line features high quality value priced Cat5/6 cable tools and connectors. Tools include a ratcheting crimp tool, UTP and coax strippers, cable slitter and punchdown tool. RJ-type connectors are fully compliant with current CSA, UL and TIA/EIA-568-B.1 specifications. Tools and connectors are available separately or in a variety of kits.

Cat5, Cat5e and Cat6 RJ45 Connectors

➤ Fully compliant with current CSA, UL and TIA/EIA-568-B.1 specifications
➤ Feature 50µm gold plating, three offset insulation points, 40% more surface area
➤ Use with strain relief boots to keep release tabs from snapping or snagging

Modular Plug Type		Cable Type	Conductor Type	Positions & Contacts	Gold Plating	Package of 100			Package of 1000		
						Stock No.	Price, 1-9	Price, 10-up	Stock No.	Price, 1-2	Price, 3-up
Cat5	RJ45	Standard Flat	Stranded	8-pos, 8-con	50µm	**904X160**	$20.40 ea.	$18.36 ea.	–	–	–
Cat5e	RJ45	Standard Round	Solid	8-pos, 8-con	50µm	**904X103***	$28.51 ea.	$25.66 ea.	**904X105**	$280.77 ea.	$252.69 ea.
Cat5e	RJ45	Round Shielded	Solid	8-pos, 8-con	50µm	**904X122**	$63.27 ea.	$56.94 ea.	**904X124**	$632.71 ea.	$569.44 ea.
Cat6	RJ45	Standard Round	Solid	8-pos, 8-con	50µm	**904X145**	$39.51 ea.	$35.56 ea.	**904X150**	$390.86 ea.	$351.77 ea.
Cat3	RJ12	Standard Round	Solid	6-pos, 6-con	50µm	**904X115**	$18.51 ea.	$16.66 ea.	–	–	–
Cat3	RJ12	Standard Flat	Stranded	6-pos, 6-con	50µm	**904X190**	$15.49 ea.	$13.94 ea.	–	–	–
Cat3	RJ11	Standard Round	Solid	6-pos, 4-con	50µm	**904X130**	$12.29 ea.	$11.06 ea.	–	–	–
Cat3	RJ11	Standard Flat	Stranded	6-pos, 4-con	50µm	**904X175**	$10.94 ea.	$9.85 ea.	–	–	–
	RJ22	Standard Flat	Stranded	4-pos, 4-con	50µm	–	–	–	–	–	–

*Package of 50 also available: Stock No. 904X104 at $14.49 each for 1-9 packages, $13.04 each for 10-up.

Snagless PVC RJ45 Strain Relief Boots

Stock Number	Boot Color	Package Qty	Price per Package	
			1-9	10-up
904X355	Blue	100	$17.48 ea.	$15.73 ea.
904X365	Gray	100	$17.48 ea.	$15.73 ea.
904X360	Green	100	$17.48 ea.	$15.73 ea.
904X375	Yellow	100	$17.48 ea.	$15.73 ea.
904X350	Black	100	$17.48 ea.	$15.73 ea.

Snagless PVC/ABS Strain Relief Boots

Stock Number	Boot Color	Package Qty	Price per Package	
			1-9	10-up
904X390	Gray	100	$23.96 ea.	$21.56 ea.
904X387	Green	100	$23.96 ea.	$21.56 ea.
904X380	Black	100	$23.96 ea.	$21.56 ea.
904X345	ASSORTED	30	$6.84 ea.	$6.16 ea.

EZ-RJ45® Connectors

SPC No.	Part No.	Connector Type	Qty	Price/Pkg.
168X231	202022J*	Cat5e/6 Shielded EZ-RJ45 EG	50	$99.75 ea.
168X300	100026B	Cat3 EZ-RJ11/12	100	$39.09 ea.
168X200	100003B	Cat5/5e EZ-RJ45	100	$68.24 ea.
168X210	100003C	Cat5/5e EZ-RJ45	50	$34.75 ea.
168X199	100003B	Cat5/5e EZ-RJ45	10	$5.84 ea.
168X015	100020	Cat5e/6 Shielded EZ-RJ45	50	$83.94 ea.
168X093	105020	Cat5e/6 Shielded EZ-RJ45	100	$166.67 ea.
168X092	105020	Cat5e/6 Shielded EZ-RJ45	10	$14.29 ea.
168X010	100010B	Cat6+ EZ-RJ45	100	$76.96 ea.
168X009	100010B	Cat6+ EZ-RJ45	10	$6.60 ea.
168X025	106192	Cat6A 10Gig RJ45 Shielded	50	$71.97 ea.
168X023	106192	Cat6A 10Gig RJ45 Shielded	10	$12.50 ea.
168X242	202026J*	Cat3 EZ-RJ12/11	100	$40.38 ea.
168X232	202003J*	Cat5/5e EZ-RJ45	100	$68.24 ea.
168X240	202020J*	Cat5e/6 Shielded EZ-RJ45	50	$85.62 ea.
168X234	202010J*	Cat6+ EZ-RJ45	100	$76.96 ea.
168X040	202044J*	.039-.044" ezEX44 ezEX-RJ45	100	$76.99 ea.
168X045	202048J*	.043-.048" ezEX48 ezEX-RJ45	100	$93.29 ea.
168X090	105016	Cat6 EZ-RJ45 Strain Relief Boot	500	$125.00 ea.
168X027	100036	Cat6 EZ-RJ45 Strain Relief Boot	50	$12.55 ea.

*Series 202000 connectors come in reusable jar.
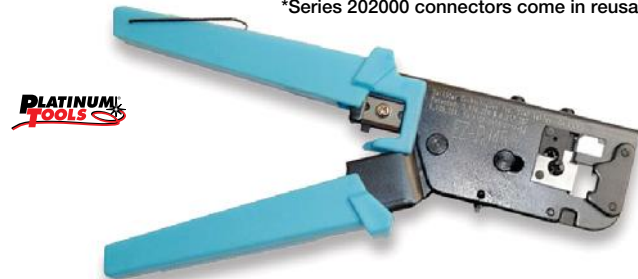
EZ-RJ45® Crimp Tool

➤ Crimp and trim extended wires of EZ-RJ45 connectors in one cycle
➤ Ratcheting straight action crimp motion for uniform crimps
➤ Use with EZ-RJ45 Cat5/5e/6 connectors and other RJ-11/12/45

SPC No.	Part No.	Description	Price
168X094	100004C	Crimp Tool	$69.29 ea.
168X205	100004BL	Replacement Blade Set	$5.25 ea.

EZ-RJPro™ HD Crimp Tool

➤ Use to install Cat5/6 modular plugs
➤ Designed for use with all EZ-RJ45® and EZ-/RJ12/11 connectors
➤ Made for larger cables with larger wire gauges, thicker insulation and pair separating spines

SPC No.	Part No.	Description	Price
168X099	100054C	EZ-RJPro HD Crimp Tool	$94.53 ea.
168X937	90173	EZ-RJPro Termination Pod	$320.50 ea.

EZ-RJPRO Termination Pod	
EZ-RJPRO HD Crimp Tool	EZ-RJ45 Cat5e Connectors, pk/100
Cat5e/6 Cable Jacket Stripper	EZ-RJ45 Cat6 Connectors, pk/100
Electrician's Scissors	EZ-RJ12/11 Connectors, pk/50

High Performance RJ-45 Modular Plugs

➤ Feature round solid wire and three-prong contacts
➤ Hi-Lo stagger Cat5e and two-piece Cat6 with hi-lo stagger load bar
➤ Sold in packs of 10, 25 or 100

SPC No.	Part No.	Connector Type	Qty	Price/Pkg.
168X033	106167C	Cat5e RJ45 Round Solid	25	$12.50 ea.
168X034	106168J	Cat5e RJ45 Round Solid (jar)	100	$41.61 ea.
168X030	106188J	Cat6 RJ45 Round Solid (jar)	100	$52.48 ea.
168X244	106206J	Cat6 RJ45 Shielded Rnd Solid (jar)	100	$110.31 ea.
168X046	106198C	Cat6A 10Gig RJ45 Shielded Round Stranded	10	$17.11 ea.

ezEX-RJ45® Starter Kit

➤ Kit features EXO™ crimp frame with EX die
➤ Includes ezEX connectors for Cat5e/6/6a
➤ *Savings of over $200!*

SPC No.	Part No. and Description	Price
168X948	90188 RJ45 Starter Kit	$107.09 ea.
168X035	100061C EXO Tool w/Die	$101.96 ea.
168X040	202044J ezEX44 100/pack	$76.99 ea.
168X045	202048J ezEX48 100/pack	$93.29 ea.

EXO™ Termination Kits

➤ Include scissors, stripper and EXO frame
➤ 90141 RJ45 die and ten Cat5e connectors
➤ 90140 EXO-EX die and ten Cat6 connectors

SPC No.	Part No. and Description	Price
168X918	90141 EXO RJ45 Kit	$168.68 ea.
168X915	90140 EXO EXO-EX Kit	$174.31 ea.

EXO™ Termination & Test Kits

➤ Add LANSeeker™ cable tester for one-stop cable preparation, termination and testing
➤ Deluxe kit has added tools and connectors

SPC No.	Part No. and Description	Price
168X940	90148 EXO Kit	$253.02 ea.
168X710	90149 EXO Deluxe Kit	$674.73 ea.

Tools

Small Data T®-Cutter

➤ For round cable up to ½"
➤ Cut coax cable to RG-11
➤ Curved blades maintain cable shape

SPC No.	Part No.	Price
370X181	45-074	1-11, $24.40 ea.; 12-up, $23.18 ea.

UTP Cable Jacket Stripper

➤ Strip outer jackets of Cat3/5/5e/6 UTP twisted pair cables
➤ Simple circular motion scores the jacket

SPC No.	Part No.	Price
904X170	TC200	1-9, $4.75 ea.; 10-up, $4.50 ea.

Cat5/6 Cable Jacket Stripper

➤ Strip cable jackets from Cat5/5e/6 twisted pair cables from 0.18" to 0.25"

SPC No.	Part No.	Price
168X220	15015C	$12.80 ea.

UTP Stripper and Punchdown Tool

➤ Strip UTP/STP twisted pair data cable
➤ Terminate wires into 110 blocks

SPC No.	Part No.	Price
170X200	PA1913	$6.94 ea.

Round Cable Stripper

➤ Use with round, UTP/STP telephone and data cables plus other flexible cables

SPC No.	Part No.	Price
350X297	11230002	$44.38 ea.

Modular Plug Kits

➤ UTP connector kits include a UTP cable jacket stripper
  ➤ RJ45/RJ11/RJ12 ratcheting modular plug crimper
    ➤ 13-compartment 11" x 6.75" x 1.75" parts box

Kit Contents

ALL THREE INCLUDE:
Cable Jacket Stripper
Ratcheting Crimp Tool
Plastic Parts Box
KIT-205 INCLUDES:
RJ45 Cat5e Modular Plugs, 100/pkg
KIT-206 INCLUDES:
RJ45 Cat6 Modular Plugs, 100/pkg
KIT-205 INCLUDES:
RJ45 Cat5e AND Cat6 Plugs, 50/pkg each

SPC No.	Part No./Type	Price
300X205	KIT-205 Cat5e	1-9, $62.00 ea.; 10-up, $59.00 ea.
300X206	KIT-206 Cat6	1-9, $72.00 ea.; 10-up, $69.00 ea.
300X256	KIT-256 Cat5e/6	1-9, $67.00 ea.; 10-up, $63.00 ea.

Telemaster™ RJ-11/RJ-45 Tool

➤ Use to crimp, cut and strip round voice and data cables
➤ Steel frame gives long-term durability

SPC No.	Part No.	Price
270X425	30-496	1-5, $58.91 ea.; 6-up, $55.96 ea.

SPC425 Cat5e/Cat6 Tool Kit

SPC425 Kit Contents

RJ45/RJ11 Modular Crimp Tool
CCS-6 Cable Cutter
UTP Cable Jacket Stripper
66/110 Punchdown Tool
RJ45 Cat5e Modular Plugs, 50/pk
RJ45 Cat6 Modular Plugs, 50/pk
Mechanic's Tool Bag

SPC No.	Price
SPC425	1-5, $144.00 ea.; 6-up, $137.00 ea.

SPC445 Kit Contents

RJ45/RJ11 Modular Crimp Tool
RG6/59 Coax Wire Stripper
CCS-6 Cable Cutter
F-Connector Compression Tool
UTP Cable Jacket Stripper
66/110 Punchdown Tool
JackTest+ RJ45/RJ11 Tester
RG6 F-Connectors, 25/pkg
RG59 F-Connectors, 25/pkg
Cat5e Modular Plugs, 100/pkg
Cat6 Modular Plugs, 50/pkg
Mechanic's Tool Bag
COAXtracker Coax Mapper

SPC445 Cat5e/Cat6 and Coax Tool Kit

SPC No.	Price
SPC445	1-5, $278.00 ea.; 6-up, $265.00 ea.

Pro-Series Punchdown Tool

TrueconecT™

➤ Perform precise repeatable terminations
➤ Features high and low impact force and blade storage in handle
➤ Compatible with all industry standard twist-and-lock blades

SPC No.	Part No. and Description	Price
904X425	TC500 66/110 Punchdown Tool	1-9, $32.95 ea.; 10-up, $30.95 ea.
904X415	TC505 Handle Only	1-9, $23.95 ea.; 10-up, $22.75 ea.

SPC No.	Part No.		Description	Price
904X400	TC520		66/110 Blade Only	$10.95 ea.
904X405	TC525		110 Blade Only	$10.95 ea.
904X410	TC530		66 Blade Only	$10.95 ea.

TEMPO COMMUNICATIONS

SurePunch® Pro SSP Punchdown Tool with Light

➤ Detachable light gives visibility when power is out
➤ Terminate 28-22 AWG solid and stranded wire
➤ Adjustable Hi/Lo spring

SPC No.	Part No.	Description	Price
170X541	PA3587	110/66 Tool	$74.20 ea.
170X750	PA3570	Handle Only	$70.11 ea.
170X632	PA4573	66 Blade	$26.03 ea.

PLATINUM TOOLS

PT Punchdown Tool

➤ Terminate and cut Cat3/5/5e/6 cables
➤ Spring-loaded with built-in hook and spudger
➤ Compatible with industry twist-and-lock blades

SPC No.	Part No.	Blade Included	Price
168X156	13307C	66 and 110	$44.45 ea.
168X158	13309C	66 /110 Combo	$33.74 ea.
168X151	13305C	66	$33.74 ea.
168X153	13306C	110	$33.74 ea.

FLUKE networks.

D814™ Automatic Impact Tool

➤ Make solid and uniform terminations on 66/110 blocks
➤ Adjustable wheel and automatic spring mechanism allow for high-impact on 22 gauge and low-impact on 24/26 guage wire

SPC No.	Part No.	Price
350X050	10055200	$98.42 ea.

D914™ Premium Automatic Impact Tool

➤ Tool combines torque and impact to ensure clean, smooth terminations ready for optical transmission
➤ Remove or trace wires with built-in probe pic, remove cross-connects with spudger

SPC No.	Part No.	Price
350X048	10051501	$108.07 ea.

D914S™ SoftTouch Automatic Impact Tool

➤ Soft rubber handle and rounded edges for reduced hand stress and better grip
➤ Tool combines torque with high and low impact settings for different block types and terminations

SPC No.	Part No.	Price
350X080	10061501	$121.58 ea.

D814™ and D914™ Replacement Blades

SPC No.	Part No.		Blade Type	Price Ea.
350X104	10178600		EverSharp 66/110 Cut	$51.14
350X102	10176500		EverSharp 110	$37.63
350X060	10056500		EverSharp 66	$37.63
350X221	10565000		Krone/ADC Cut	$77.19
350X224	10665000		BIX®	$72.37
350X056	10056000		Reversible 66	$30.87

FLUKE networks.

D814™ and D914™ Replacement Kit

➤ Contains 66-type, 110-type and Dually™ EverSharp blades
➤ EverSharp blades last up to three times longer than standard blades

SPC No.	Part No.	Price
350X975	DBK-3	1-5, $142.00 ea.; 6-up, $135.00 ea.

Tools

SPCIS40 Pro Tool Kit

➤ Contains the essential tools for data, telephone and network installations and maintenance

➤ Kit includes a cutter/stripper, punch-down tool, electrician scissors and probe pic in a neoprene pouch

SPC No.	Part No. and Description	Price
SPCIS40	Complete Kit	1-5, $286.00 ea.; 6-up, $272.00 ea.
170X030	PA1116 Data SureStrip Cutter/Stripper	$30.66 ea.
350X050	10055200 D814 Punch Down Tool w/ 66 & 110	$98.42 ea.
350X780	44300000 D-Snips	$36.66 ea.
350X845	44600000 Insulated Telecom Probe Pic	$15.43 ea.
350X046	11291400 Dur-A-Grip Tool Punch, Only	$56.93 ea.

SPC7227 Basic Modular RJ45 Tool Set

➤ Offers essential tools for installation, termination and general maintenance

➤ Kit includes a modular crimp tool, stripper, crimping pliers, can wrench, electrician scissors and puchdown tool in a ballistic nylon pouch

SPC No.	Part No. and Description	Price
SPC7227	Complete Kit	1-5, $247.00 ea.; 6-up, $235.00 ea.
904X100	TC100 Modular Crimper	$29.95 ea.
904X425	TC500 66/110 Punchdown	$32.95 ea.
170X030	PA1116 Data SureStrip	$30.66 ea.
350X315	11294000 Crimping Pliers	$28.94 ea.
350X680	44007000 Can Wrench	$22.19 ea.
350X780	44300000 D-Snips	$36.66 ea.
754X990	VoIP Nylon Pouch, Only	$57.00 ea.

TEMPO COMMUNICATIONS

GripPack SurePunch® Technician Kit

SPC No.	Part No. and Description	Price
170X778	PA4943 Full Kit	$152.63 ea.
170X030	PA1116 Data SureStrip	$30.66 ea.
297X638	PT-T03 Scissors	$24.37 ea.
170X750	PA3570 SurePunch	$70.11 ea.
170X630	PA4571 66/110 Blade	$21.57 ea.
170X773	PA4940 GripPack, Only	$41.23 ea.

Sturdy bottom keeps bag upright when sitting

TEMPO COMMUNICATIONS

Ultimate Technician Tool Kit

➤ Complete selection of tools for coax, Cat5 and twisted pair cabling

➤ Tools and test items are organized in the 11" x 8.5" x 6" tool bag

➤ Removable inner tote with 8 storage slots measures 6" x 6" x 4.35"

SPC No.	Part No.	Description	Price
170X766	PA4932	Ultimate Technician Tool Kit	$700.51 ea.

IS60 Pro-Tool™ Kit

SPC No.	Part No./Description	Price
350X310	11293000 Full Kit	$263.44 ea.
350X070	10061000 Impact Tool	$96.49 ea.
350X104	10178600 Blade	$51.14 ea.
350X780	44300000 D-Snips	$36.66 ea.
350X297	11230002 Stripper	$44.38 ea.
350X047	11293400 Dur-a-Grip	$57.89 ea.

PA4932 Tools List		
Round Cable Cutter	All-in-One Phone/Data Tool	Can Wrench
UTP/STP Cutter/Stripper	SurePunch® Punchdown Tool	Plastic Storage Box
CATV "F" Coax Stripper	Detachable LED Light	10 RJ22 Handset Plugs
Untwist Tool	110, 66, BIX & Krone Blades	10 RJ11/12 Plugs, Stranded Flat
CATV "F" Flaring Tool	LAN ProNavigator® Tester/Remote	10 RJ45 Plugs, Cat5e, Solid Round
SealTite® Compression Crimper	Tone and Probe Testing Kit	10 CATV "F" RG6/6Q Connectors
	RJ45 Adapter	2 BNC to CATV "F" Adapters

Electrician's Scissors

➤ Scissors are heat treated, hardened, plated or tempered for durability
➤ Feature files, scrapers and notches

A ➤ Fluke Network 6¼" D-Snips™

SPC No.	Part No.	Price
350X780	44300000	$36.66 ea.

B ➤ Miller 5" Splicer Scissors

SPC No.	Part No.	Price
083X018	925CI	$13.27 ea.

C ➤ Klein Tools 5¼" Electrican's Scissors

SPC No.	Part No.	Price
060X557	2100-7	1-11, $22.02 ea.; 12-up, $20.91 ea.

D ➤ Jameson 5¼" Scissors w/Grip

SPC No.	Part No.	Price
262X325	32-4INS	$23.10 ea.

E ➤ Jonard 5" Electrician's Scissors

SPC No.	Part No.	Price
054X200	ES-1964	$13.95 ea.
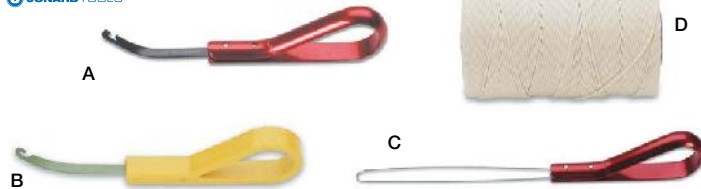
Cable Lacing Tools and Twine

➤ Tools have red anodized aluminum or yellow Xylan insulated handles
➤ Replacement needles and wire loops sold separately

A ➤ Jonard 5¾" Cable Lacing Needle

SPC No.	Part No.	Price
210X465	JIC-287	1-11, $17.95 ea.; 12-up, $17.05 ea.

B ➤ Jonard 5½" Insulated Cable Lacing Needle

SPC No.	Part No.	Price
864X320	JIC-3209	1-11, $14.95 ea.; 12-up, $14.20 ea.

C ➤ Jonard 8½" Wire Loop Puller

SPC No.	Part No.	Price
210X471	JIC-2257M	1-11, $19.95 ea.; 12-up, $18.95 ea.

D ➤ Trueconect 1000-D Waxed Polyester Twine

SPC No.	Part No. and Description	Price
881X018	44800NAT 9-Ply, 500' Roll	1-9, $8.52 ea.; 10-up, $8.09 ea.
881X050	04440NAT 12-Ply, 675' Roll	1-9, $17.76 ea.; 10-up, $16.87 ea.

TC300 Cable Slitter

➤ 1000V-rated and safe for use on live line equipment
➤ Ergonomic extra-slim handle with soft grip
➤ Features 1½" stainless steel blade and welded offset hook

SPC No.	Part No. and Description	Price
904X174	TC300 Cable Slitter	1-9, $29.50 ea.; 10-up, $26.50 ea.

Punchdown Installer's Tool Kit

➤ Tools to maintain telecom and datacom networks
➤ Prepare and connect wire onto 66-type and 110-type terminal blocks

SPC No.	Part No. and Description	Price
054X773	TK-17 Punchdown Tool Kit	1-5, $159.95 ea.; 6-up, $151.95 ea.

Splicer's Tool Kit

➤ Splicer knife is 6¼" long
➤ Scissors have forged steel blades
➤ Leather holster has two pockets

SPC No.	Part No. and Description	Price
024X290	KIT 925CS Splicer's Tool Kit	$40.09 ea.
024X026	CK6 Splicer's Knife Only	$14.48 ea.
024X286	925CS Splicer's Scissors Only	$17.61 ea.
024X029	CSH96 Leather Holster	$8.25 ea.

Cable Splice Kit

➤ Splicer knife has a 1¾" cutlery steel blade and non-slip handle
➤ Scissors made of high-carbon steel

SPC No.	Part No. and Description	Price
054X715	TK-400 Cable Splice Kit	$33.95 ea.
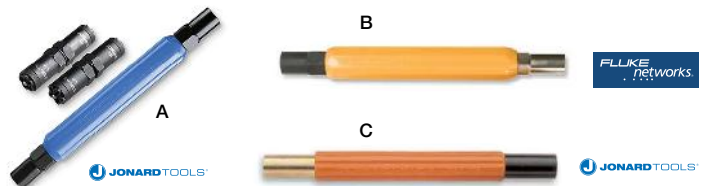
Can Wrenches and Star Key Kits

A ➤ Jonard Star Key Kits and Keys

SPC No.	Part No. and Description	Price
054X673	SSK-700 Star Key Kit, LK/LB	1-5, $30.95 ea.; 6-up, $29.40 ea.
054X752	SSK-750 Star Key Kit, LG/LC	1-11, $30.95 ea.; 12-up, $29.40 ea.
054X756	SSK-800 Star Key Kit, LG/LB	1-11, $30.95 ea.; 12-up, $29.40 ea.
054X758	SSK-850 Star Key Kit, LB/LS	1-11, $30.95 ea.; 12-up, $29.40 ea.
054X676	SSK-876 Star Kit, LC/LG/LB/LS	1-11, $48.95 ea.; 12-up, $46.50 ea.
054X677	SSK-900 Star Key Kit, P-Key	1-5, $25.95 ea.; 6-up, $24.65 ea.
054X760	SSK-950 Star Kit, LB/LS/P-Key	1-5, $41.95 ea.; 6-up, $39.85 ea.
054X670	SSK-716 Star Key Wrench Handle	1-11, $16.95 ea.; 12-up, $16.10 ea.
054X671	SSK-70 Key for LK/LB	1-5, $19.95 ea.; 6-up, $18.95 ea.
054X672	SSK-75 Key for LC/LG	1-11, $19.95 ea.; 12-up, $18.95 ea.
054X754	SSK-80 Key for LG/LB	1-11, $19.95 ea.; 12-up, $18.95 ea.
054X674	SSK-85 Key for LB/LS	1-11, $19.95 ea.; 12-up, $18.95 ea.
054X675	SSK-90 P-Key	$13.95 ea.

B ➤ Fluke Networks 7" Can Wrench

SPC No.	Part No. and Description	Price
350X680	44007000 Can Wrench	$22.19 ea.

C ➤ Jonard Double-Ended Can Wrench

SPC No.	Part No. and Description	Price
054X545	M-216C/RX Can Wrench	1-11, $12.95 ea.; 12-up, $12.30 ea.

Wire Wrap

Aluminum Wire Wrapping Tool

➤ Aluminum housing and chuck nosepiece
➤ Each trigger squeeze results in 10 revolutions
➤ Wire sizes from 18 AWG to 32 AWG

SPC No.	Part No.	Description	Price
122X110	G100/R3278	Wire Wrap Tool	$187.95 ea.

Electric Wire Wrap Tools

OK Industries
Division of Jonard Industries Corp.

➤ Use with DFB series wrap/un-wrap bit & sleeve sets on 18 AWG to 32 AWG wire
➤ Use backforce version to pre-vent over wrapping

SPC No.	Part No.	Description	Price
122X555	PTX-1	Electric Wire Wrap Tool	$284.95 ea.
122X560	PTX-1BF	Electric Tool w/Backforce	$294.95 ea.

Lexan® Wire Wrapping Tool

OK Industries
Division of Jonard Industries Corp.

➤ Lightweight, durable and lower cost Lexan housing and chuck nosepiece
➤ Wire sizes from 18 AWG to 32 AWG
➤ Provides 10 revolutions per squeeze

SPC No.	Part No.	Description	Price
122X115	G200/R3278	Wire Wrap Tool	$149.95 ea.

Insulated Wire Wrapping Tool

OK Industries
Division of Jonard Industries Corp.

➤ Housing is coated with 1000-volt dielectric strength non-conductive material
➤ Wire sizes from 18 AWG to 32 AWG
➤ Use with insulated wire wrapping sleeves

SPC No.	Part No.	Description	Price
122X645	G100/R3278INS	Insulated Tool	$188.95 ea.

Insulated Wire Wrapping Tool with Flashlight

➤ Adds a LED flashlight to the G100/R3278INS insulated wire wrapping tool
➤ Wire sizes 18 AWG to 32 AWG
➤ Ten revolutions per squeeze

SPC No.	Part No.	Price
122X120	G100/R3278FL	$197.95 ea.

Battery-Powered Wire Wrap Kits

➤ Feature battery powered PTX wrap/unwrap tool for 18 to 32 AWG
➤ Kits include gun, charger & two batteries
➤ PTX-KIT1DH kit adds bit and sleeve for 24 to 22 AWG

SPC No.	Part No.	Description	Price
122X573	PTX-KIT1	Battery Wire Wrap Tool	$389.95 ea.
122X577	PTX-KIT1DH	Battery Tool w/Bit & Sleeve	$564.95 ea.

Standard Pneumatic
& Electric Tool Company
A Division of JDV Products, Inc.

Electric Wire Wrapping Guns

➤ Use 6000 series electric tools on 18 to 32 AWG wire
➤ Feature lightweight Lexan housing with ergonomic handle
➤ Available with anti-backforce (ABF) which causes bit to retract for symmetrical wrap on the post

SPC No.	Part No. and Description	Price
126X400	SP 6021 Wire Wrap Gun	$186.50 ea.
126X320	SP 6022 Gun with ABF	1-5, $208.00 ea.; 6-up, $202.00 ea.

OK Industries
Division of Jonard Industries Corp.

Central Office Insulated Wire Wrapping Kit

➤ Eight-piece kit for Central Office techs
➤ Insulated gun with 3" 22/24 AWG bit & sleeve
➤ Tools come in a Cordura® pouch

SPC No.	Part No.	Description	Price
122X939	WWK-CO	Insulated Wire Wrap Kit	$459.95 ea.
122X645	G100/R3278INS	Gun Only	$188.95 ea.

OK Industries
Division of Jonard Industries Corp.

Telecom Wire Wrapping Kit

➤ Use at a main distributing frame or in the field
➤ Features the lightweight Lexan® wire wrap tool
➤ Includes tools specific to 22 to 24 AWG wire

SPC No.	Part No.	Description	Price
122X945	WWK-1	Telecom Wire Wrap Kit	$449.95 ea.
122X115	G200/R3278	Gun Only	$149.95 ea.

OK Industries
Division of Jonard Industries Corp.

Insulated Telecom Wire Wrapping Kit

➤ Insulated version of the WWK-1 above
➤ Features the insulated gun and includes an insulated wire wrap sleeve & bit for 22/24 AWG

SPC No.	Part No. and Description	Price
122X950	WWK-1INS Insulated Telecom Wire Wrap Kit	$459.95 ea.
122X645	G100/R3278INS Gun Only	$188.95 ea.

OK Industries
Division of Jonard Industries Corp.

Reversible Wrap-Unwrap Tools

➤ Change cap from one end to the other to switch from wrapping to unwrapping
➤ Standard and insulated versions

HW-UW-224INS features an insulated reversible cap/handle

SPC No.	Part No. and Description	Price
122X345	HW-UW-224 22-24AWG Tool	$108.95 ea.
054X431	HW-UW-224INS Insulated Tool	$116.95 ea.

B
C
D

Hand Unwrap Tools

➤ Use tools to remove solderless wrapped connections easily from 20 to 26 AWG wire from a terminal
➤ Available in three styles – B, E and D

SPC No.	Part No.	Description	Price
122X725	UW4	Left Hand, B-Type	$48.95 ea.
122X730	UW5	Left/Right Hand, B-Type	$48.95 ea.
122X720	UW2	Left/Right Hand, C-Type	$41.95 ea.
054X725	UW1	Left Hand, D-Type	$37.95 ea.

OK Industries
Division of Jonard Industries Corp.

Wire Cut and Strip Tools

➤ Feature efficient adjustable strip-off lengths and double blades
➤ Hold up to four wires in stripping slots with ends extending beyond the cutter blades

SPC No.	Part No.	Size	Price
122X685	ST-100	22-24 AWG	$76.95 ea.
122X693	ST-100-2426	24-26 AWG	$76.95 ea.
122X699	ST-100-2830	28-30 AWG	$72.95 ea.

JONARD TOOLS

Wire Stripper and Cutter

➤ To cut and strip wire to proper length, simply place in the slot, squeeze tool and pull
➤ Plastic grips with soft rubber sleeve give comfort and grip
➤ Includes 22/24 & 24/26 interchangeable blades, also sold separately

SPC No.	Part No.	Description	Price
864X447	JIC-4473	Stripper/Cutter	1-11, $76.95 ea.; 12-up, $73.10 ea.
864X451	SB-2224	22/24 Repl. Blade	$17.95 ea.
864X453	SB-2426	24/26 Repl. Blade	$17.95 ea.

Wire Wrap

OK Industries
Div. of Jonard Industries

Jonard/OK Industries Wire Wrap Bits and Sleeves

➤ Manufacturer offers a complete assortment of wire wrapping bits and sleeves
➤ Create a secure and reliable connection between stripped copper wire and terminals
➤ Complete electrical circuits without soldering
➤ Choose between 3" or 5" standard or insulated sleeves in both regular and modified wraps

Standard Sleeves   Insulated Sleeves

3-Inch Wire Wrap Bits and Sleeves

Wire Gauge	Type of Wrap	Max Ins. Diameter	Terminal Hole Depth	Terminal Hole Dia.	Bit Stock No.	Bit Part No.	Bit Price	Sleeve Stock No.	Sleeve Part No.	Sleeve Price	Ins. Sleeve Stock No.	Ins. Sleeve Part No.	Ins. Sleeve Price
18	Regular	–	1.000"	.075"	122X400	KB18	$98.95 ea.	–	–	–	–	–	–
20-22	Regular	–	1.000"	.075"	122X460	KB2075	$66.95 ea.	122X598	P2224	$27.95 ea.	122X650	P2224INS	$35.95 ea.
22	Regular	–	.750"	.075"	122X404	KB22	$62.95 ea.	122X598	P2224	$27.95 ea.	122X650	P2224INS	$35.95 ea.
22-24	Regular	–	.800"	.075"	122X424	KB224	$62.95 ea.	122X598	P2224	$27.95 ea.	122X650	P2224INS	$35.95 ea.
22-24	Modified	.050"	1.250"	.075"	122X888	WB224M	$66.95 ea.	122X598	P2224	$27.95 ea.	122X650	P2224INS	$35.95 ea.
22-24	Regular	–	1.000"	.086"	122X430	KB224LH	$62.95 ea.	122X598	P2224	$27.95 ea.	–	–	–
24	Regular	–	.750"	.075"	122X410	KB24	$62.95 ea.	122X600	P2426	$27.95 ea.	122X654	P2426INS	$35.95 ea.
24	Modified	.044"	.750"	.044"	122X858	WB24SM	$66.95 ea.	122X620	P3032LN	$59.95 ea.	–	–	–
24-26	Modified	.046"	.750"	.075"	122X895	WB2426M	$66.95 ea.	122X598	P2224	$27.95 ea.	122X650	P2224INS	$35.95 ea.
26	Regular	–	1.000"	.075"	122X417	KB26	$62.95 ea.	122X600	P2426	$27.95 ea.	122X654	P2426INS	$35.95 ea.
26	Modified	.031"	.750"	.040"	122X862	WB26SM	$66.95 ea.	122X607	P26LN	$49.95 ea.	–	–	–
28	Modified	.030"	.750"	.036"	122X875	WB28SHM	$66.95 ea.	122X610	P3032	$49.95 ea.	–	–	–

Standard Sleeves   Insulated Sleeves

5-Inch Wire Wrap Bits and Sleeves

Wire Gauge	Type of Wrap	Terminal Hole Depth	Terminal Hole Dia.	Bit Stock No.	Bit Part No.	Bit Price	Sleeve Stock No.	Sleeve Part No.	Sleeve Price	Ins. Sleeve Stock No.	Ins. Sleeve Part No.	Ins. Sleeve Price
22	Regular	.750"	.075"	122X405	KB22-5	$93.95 ea.	122X599	P2224-5	$45.95 ea.	122X652	P2224-5INS	$63.95 ea.
24	Regular	.750"	.075"	122X416	KB24-5	$93.95 ea.	122X605	P2426-5	$45.95 ea.	122X653	P2426-5INS	$63.95 ea.
26	Regular	.750"	.075"	122X418	KB26-5	$93.95 ea.	122X605	P2426-5	$45.95 ea.	122X653	P2426-5INS	$63.95 ea.

OK Industries
Division of Jonard Industries Corp.

Insulated Wire Wrapping Tool with Flashlight

➤ Adds a LED flashlight to the G100/R3278INS insulated wire wrapping tool
➤ Ten revolutions per squeeze
➤ Works with wiire sizes 18 AWG to 32 AWG

SPC No.	Part No.	Price
122X120	G100/R3278FL Wire Wrap Tool with Flashlight	$197.95 ea.

Telecom Wire Wrapping Kit

➤ Use at a main frame or in the field
➤ Features lightweight Lexan® wire wrap tool
➤ Includes tools specific to 22 to 24 AWG wire

SPC No.	Part No.	Description	Price
122X945	WWK-1	Wire Wrap Kit	$449.95 ea.
122X115	G200/R3278	Gun Only	$149.95 ea.

Wire Wrap

Standard Pneumatic Wire Wrap Bits and Sleeves

➤ Manufacturer has long been considered an expert in wire wrapping and unwrapping tools and equipment
➤ Wire wrap bits and sleeves are designed for production and field service operations
➤ Create reliable gas-tight and corrosion-safe connections in high-density electronic equipment
➤ Standard wire wrap bits wrap bare wire around the terminal to complete a connection
➤ Modified wire wrap bits wrap bare wire plus an additional one and a half wraps of insulated wire for increased mechanical stability

Wire Wrap Bits and Sleeves

Wire Gauge	Type of Wrap	Max Ins. Diameter	Terminal Hole Depth	Bit Radius	Terminal Hole Dia.	Terminal Hole Diagonal	Bit Stock No.	Bit Part No.	Bit Price Each 1-11	12-up	Sleeve Stock No.	Sleeve Part No.	Sleeve Price Each 1-11	12-up
22	Standard	–	1.00"	.093"	.073"	.055"-.070"	126X500	SP 52210	$30.00	$29.50	126X601	SP 60100	$20.00	$19.50
22	Modified	.05"	1.00"	.108"	.073"	.055"-.070"	–	–	–	–	126X601	SP 60100	$20.00	$19.50
22-24	Standard	–	1.00"	.090"	.073"	.055"-.070"	126X530	SP 52310	$36.50	$35.50	126X601	SP 60100	$20.00	$19.50
24	Standard	–	1.50"	.083"	.073"	.055"-.070"	126X535	SP 52418	$30.00	$29.50	126X620	SP 60200	$20.00	$19.50
26	Standard	–	1.00"	.078"	.073"	.055"-.070"	126X546	SP 52610	$30.00	$29.50	126X620	SP 60200	$20.00	$19.50
26	Modified	.04"	1.00"	.089"	.073"	.055"-.070"	126X550	SP 52621	$34.50	$33.50	126X620	SP 60200	$20.00	$19.50
28	Modified	.03"	0.64"	.057"	.040"	.030"-.037"	126X565	SP 52822	$37.00	$36.00	126X093	S93	$14.25	$14.00

Wire Wrap Bits and Insulated Sleeves

Wire Gauge	Type of Wrap	Terminal Hole Depth	Terminal Hole Diam.	Bit Stock No.	Bit Part No.	Bit Price 1-11	12-up	Sleeve Stock No.	Sleeve Part No.	Sleeve Price 1-11	12-up
22-24	Regular	.807"	.075"	126X100	BR224	$21.25 ea.	$20.75 ea.	126X090	S171R	$14.75 ea.	$14.50 ea.
24-26	Regular	.750"	.075"	126X105	BR2426	$25.50 ea.	$24.75 ea.	126X088	S159Y	$14.75 ea.	$14.50 ea.

Electric Wire Wrapping Guns

➤ Use 6000 series electric tools on 18 to 32 AWG wire
➤ Feature lightweight Lexan housing with ergonomic handle
➤ Available with anti-backforce (ABF) which causes bit to retract for symmetrical wrap on the post

SPC No.	Part No. and Description	Price
126X400	SP 6021 Wire Wrap Gun	$186.50 ea.
126X320	SP 6022 Gun with ABF	1-5, $208.00 ea.; 6-up, $202.00 ea.

Wire Unwrapping Bit and Sleeve Set

➤ Use this unwrap set with 20 to 26 AWG wire
➤ Work with manual and power unwrap tools

SPC No.	Part No. and Description	Price
122X579	PUW2226 Bit and Sleeve Set, 20-26 AWG	$85.95 ea.
122X002	2026UB Unwrap Bit Only, 20-26 AWG	$56.95 ea.
122X683	SOK2230 Unwrap Sleeve Only, 20-26 AWG	$29.95 ea.

Dual-Function Wrap-Unwrap Bit and Sleeve Sets

➤ Dual function - clockwise wrapping, counterclockwise unwrapping
➤ Insulated sleeves prevent pin-to-pin shorting

SPC No.	Part No. and Description	Price
122X060	DFB224 Wrap/Unwrap Set, 22-24 AWG	$152.95 ea.
054X177	DFB2426 Wrap/Unwrap Set, 24-26 AWG	$152.95 ea.

Tool Kits

SPCToolKits

Scotchlok IDC Connector Kits

➤ Use SPC450 to splice two or three 19 to 26 AWG copper conductors in branching/bridging applications
➤ Use SPC452 to splice two 22 to 26 AWG copper conductors

Utility pouch with FLATFIT™ to fit over belt

Electrical tape ¾" x 60'

Gel-filled IDC connectors come 100/pack

Needlenose cut/crimp pliers

Crimp/strip 10 to 22 AWG

6-in-1 multi-bit screwdriver

AA Mini Maglite w/ holster

SPC No.	Description	Price
SPC450	IDC UR Connector Kit, 19-26 AWG	1-5, $90.00 ea.; 6-up, $86.00 ea.
SPC452	IDC UY Connector Kit, 22-26 AWG	1-5, $87.00 ea.; 6-up, $83.00 ea.

CORNING

Scotchlok™ now Presslok™ IDC Cat5 Connectors

➤ For butt splicing
➤ UR & UY gel-filled polycarbonate
➤ UR2/UY2 gel-filled moisture resistant polypropylene

	Type	Part No.	Conductor Type	Insulation Max O.D.	Wire Gauge	Stock No. (100/pk)	Price/pk (100/pk)	Stock No. (1000/pk)	Price/pk (1000/pk)
		UR	2 or 3 Solid Copper Conductors	0.060"	26-19	599X923	$16.00	599X922	$160.04
		UR2	2 or 3 with Different Wire Gauges	0.082"	26-19	599X926	$15.00	599X925	$149.25
		UY	2 Solid Copper Conductors	0.060"	26-22	599X928	$13.50	599X927	$134.97
		UY2	2 with Different Wire Gauges	0.082"	26-19	599X930	$14.50	599X929	$144.15

PTK10 Utility Tool Kit

➤ Kit combines all the basic essentials for everyday utility needs
➤ Tool belt pouch has four tool slots and two loops with Velcro closure

6" Adjustable Wrench	15-In-1 Sidekick Multi-Tool	Mini Mag-Lite
4-In-1 Pocket Screwdriver	Single-Ended	2 Alkaline AA Batteries
16' Hi-Vis Tape Measure	RJ45/RJ11Tester	Black Cordura Tool Pouch

SPC No.	Description	Price
PTK10	Utility Tool Kit	1-5, $176.00 ea.; 6-up, $168.00 ea.

SPCToolKits

PTK40 Cable Splicer Tool Kit

➤ Compact splicing kit features single-ended LAN/phone tester with colored LEDs
➤ Hot-forged steel scissors have stripping notches for 19 AWG and 23 AWG wire
➤ Tool belt pouch has three tool slots with Velcro closure to fasten around a belt

Splicer's Knife	RJ45/RJ11 Tester
Electricians Scissors	Black Cordura Tool Pouch

SPC No.	Description	Price
PTK40	Cable Splicer Tool Kit	1-5, $65.00 ea.; 6-up, $62.00 ea.

SPCToolKits

PTK50 Telecom Installer Tool Kit

➤ All telecom installer's essentials
➤ Tool belt pouch has six tool slots with Velcro closure to secure it
➤ Kit weights 1.6 lbs. and measures 9.5" x 4.5" x 3.5

AT8 Tone Generator with Alligator Clips	Mini Mag-Lite	Cordura Tool Pouch
200 EP-G Tone Probe	Cat5/6 Jacket Stripper	
Single-Ended RJ45/RJ11 Tester	Punch Down Tool with 110/66 Blade	

SPC No.	Description	Price
PTK50	Telecom Installer Tool Kit	1-5, $316.00 ea.; 6-up, $301.00 ea.

SPC715 Cat5 Test Installation Tool Kit

➤ Contains essentials for network cable installation and maintenance

➤ Upper tier of tool case swivels upward to allow access to the lower

Electrician's Scissors	RJ11/12 & RJ45 Crimper	RJ45 Strain Relief Boots,
LAN Explorer Cable Tester	Cat5e RJ45 Modular Plugs,	100/Pkg
Big Red Multi-Stripper	100/Pkg	18-Compartment VDV Pro-
Mini Maglite w/2 AA Batteries	RJ11 Modular Plugs, 100-Pk	Tech Transport Tool Case

ProTech™ case has 12 upper tier and 6 larger lower tier compartments

SPC No.	Description	Price
SPC715	Cat5 Test Installation Tool Kit	1-5, $215.00 ea.; 6-up, $205.00 ea.

Attach tool pouch to a belt with a metal clip or belt loop

Tool pouch has 9 organizational pockets and sleeves

SPCToolKits

SPC730 Deluxe Data and Telecom Tool Kit

➤ Kit contains the tools to strip, cut and crimp solid and stranded wire, unshielded and shielded twisted pair and multi-core cables

➤ Tool pouch attaches to a belt using the sleeve or metal clip

Electrician's Scissors	Crimping Pliers, 7"	Mini Maglite	2 Phillips Screwdrivers
Nylon Notched Spudger	Cutting Pliers, 6"	110/66 Punch Down Tool	9-Pocket Electrical Pouch
Wire Stripper, ⅛"-⅜"	Electrical Tape, ¾" X 60'	2 Slotted Screwdrivers	

SPC No.	Description	Price
SPC730	Deluxe Data and Telecom Tool Kit	1-5, $168.00 ea.; 6-up, $160.00 ea.

Starter Kit includes EXO crimp frame, EX die, connectors and strain reliefs

EXO crimp frame with EX die produces a flush trim certified for PoE & PoE+ systems

PLATINUM TOOLS

ezEX-RJ45 Starter Kit

➤ Kit has everything needed to use ezEX Cat5e/6/6A compliant 10 Gb speed-tested RJ45 connectors

➤ Connectors have an integrated Hi-Lo stagger load bar for easy verification of wire sequence before termination

➤ Includes exEX38, exEX44 and exEX48 connector sizes with one piece pass-through design & ezEX strain reliefs

SPC No.	Part No. and Description	Price
168X948	90188 ezEX-RJ45 Starter Kit	$107.09 ea.
		$205 value

SPCToolKits

SPC395C

SPC395D

SPC395

SPC395
Voice and Data
Site Manager's Kits

➤ Complete installation and repair kit for twisted-pair applications, Cat5 and coax networks, plus premise equipment maintenance

➤ Includes tools to install wiring, join connectors to cable and perform basic troubleshooting

➤ In addition to general purpose tools, kit includes specialty items for working with twisted-pair cable and modular connectors

SPC No.	Description	Price
SPC395	Roto-Rugged Kit (17½" x 12½" x 5½")	1-5, $1106.00 ea. 6-up, $1051.00 ea.
SPC395C	Roto-Rugged Cart Kit (18" x 14½" x 8")	1-5, $1314.00 ea.; 6-up, $1249.00 ea.
SPC395D	Deep Roto-Rugged Kit (17½" x 12½" x 8½")	1-5, $1106.00 ea.; 6-up, $1051.00 ea.

SPC395 Tools List

Slip Joint Pliers, 6"	Vise Grip Pliers, 5"
Long Nose Pliers, 4"	Single-Ended RJ45/RJ11
Diagonal Cutting Pliers, 4"	Tester
Long Nose Pliers with Cutter, 6"	Tone Generator and Probe
	Wire Stripper, 16-26 AWG
Electrician's Scissors	Receptacle Tester w/GFCI Test
Adjustable Wrench, 6"	Test Set Adapter
Slot/Phillips Screw Starter	Telephone Line Tester
Conductive Wrist Strap	RJ11/45 Crimper/Stripper
Precision Knife	110/66 Punch Down Tool
Pocket Phillips Screwdriver	Telco Pliers with Wire Stripper
Reversible Pocket Screwdriver	Cable Jacket Stripper
Tape Measure, 16'	100 Cat5e Modular Plugs
4 Nut Drivers, ³⁄₁₆"-⅜"	Slot Screwdriver,⅛" x 4"
4 Torx Drivers, #T10-#T25	Slot Screwdriver,³⁄₃₂" x 2"
Standard Ball Hex Set, 7-Piece	Slot Screwdriver,⁵⁄₁₆" x 6"
Metric Ball Hex Set, 6-Piece	Phillips Screwdriver, #0
Pocket Flashlight	Phillips Screwdriver, #1
Cable Cutter	Phillips Screwdriver, #2

BigMouth® bag has 8 pockets inside and 6 outside

LAN Cable Check tests data and telephone connection schemes

Trace and tone wire and cable with the analog tone and probe kit

SPCToolKits

SPC765
Cable Testing and
Network Monitoring Tool Kit

➤ Kit is designed for VoIP network maintenance and testing

➤ Continuity tester for flat satin and UTP cables with RJ45 terminations tests both data and telephone connection schemes

➤ BigMouth® bag made of 600 denier fabric measures 12" x 8½" x 8"

SPC No.	Description	Price
SPC765	Tool Kit in BigMouth Tool Bag	1-5, $875.00 ea.; 6-up, $832.00 ea.

SPC765 Tools List

Electrician Splicer Scissors	Mini Maglite	Tel-Scope Butt Set
Can Wrench, ⅜" and ⁷⁄₁₆"	Tone and Probe Kit	RJ45/RJ11 Modular Crimp Tool
11-in-1 Screw and Nut Driver	4-Wire Modular Adapter	Punchdown Tool, 110/66 Blade
Data Sure Strip	Need-L-Lock Crimping Pliers	Cat 5e Modular Plugs, 100/Pkg
LAN Cable Check	Telephone Line Tester	BigMouth Tool Bag, 14-Pockets

ELECTRICAL
HIGH/LOW VOLTAGE

Specialized Products offers a full range of electrical high and low voltage solutions to use in electrical installation and maintenance settings. Low voltage (LV) is a voltage range that carries a low risk of injury and is commonly under 100 volts. High voltage (HV) on the other hand is defined as anything above 100 volts that can potentially cause harm. IR thermal imagers, digital multimeters, ac/dc clamp meters, receptacle testers and battery analyzers detect and measure electrical heat, voltage, current and more.

Safety is of serious importance when working with power. Cementex and Wiha are known for their lines of 1000-volt insulated tools plus arc flash protection clothing and equipment. Thomas & Betts and Burndy are industry standard manufacturers of telecom cable tools, dies, taps and lugs. Find the tools to strip and cut wire, to crimp insulated terminals, splices and disconnects, and for most any application in both the high voltage and low voltage electrical industry in this section of the catalog.

Test Equipment

Test equipment offered for the electrical industry includes IR thermal imagers, digital multimeters, AC/DC clamp meters, receptacle testers, voltage detectors, battery analyzers and more.

SEE PAGES 92-98

Hand Tools

Electrical hand tools include wire and cable cutters, pliers, wire strippers, and crimpers for terminals, connectors, splices and disconnects. Many of the tools offered do a combination of tasks, such as crimp, strip and cut.

SEE PAGES 99-103

Power Tools

The power tool selection includes cordless drills and screwdrivers, drill bits, knock-out kits and ESD-safe electronic vacuum systems.

SEE PAGES 104-105

Telecom Cable Tools

Burndy and Thomas & Betts lines of telecom cable tools are industry standards. Choose from mechanical, hydraulic and power-assisted crimp tools.

SEE PAGES 106-115

Insulated Tools

Wiha and Cementex double-insulated tools are 10,000 volt tested and rated for use in the 1000-volt environment of telephone and electric utility workers.

SEE PAGES 116-121

Electrical PPE

Personal protective equipment is required in electrical settings. See our line of insulated gloves, clothing, blankets and safety equipment.

SEE PAGES 122-125

Tool Kits

This offering includes insulated screwdriver and nut driver sets, small insulated pouch kits, and kits with a complete selection of tools for the master electrician. They feature Cementex and Wiha 1000-volt rated insulated tools.

SEE PAGES 126-128

Test

EXTECH

True RMS 600-Amp AC/DC Clamp Meter

➤ Meter features rugged double-molded housing and built-in non-contact voltage detector
➤ Clamp meter accommodates cables to 350 MCM
➤ Measures to 600 A ac/dc and 750 Vac/1000 Vdc, resistance to 60 MΩ, capacitance to 60 mF, frequency to 1 MHz and type K temperature from -40 to 1832°F

SPC No.	Part No. and Description	Price
160X008	EX655 True RMS 600-Amp AC/DC Clamp Meter	$148.99 ea.

EXTECH

True RMS 1000-Amp AC/DC Clamp Meter

➤ Autoranging meter features a built-in non-contact infrared thermometer with laser pointer that measures from -58 to 518 °F
➤ 1.7" jaw accommodates conductors to 750 MCM or two 500 MCM cables
➤ Measures to 1000 A ac/dc and 600 Vac, resistance to 40 MΩ, capacitance to 40 mF and frequency to 4 kHz

SPC No.	Part No. and Description	Price
160X855	EX830 True RMS 1000-Amp AC/DC Clamp Meter	$239.99 ea.

FLUKE

True RMS 200-Amp AC/DC Detachable Clamp Meter

➤ Measure to 200 A ac/dc and 600 V ac/dc plus resistance to 6000 Ω with continuity detection
➤ Clamp meter features a small detachable jaw on a flexible lead that gives easy access to wires
➤ Built in flashlight and large back lit display make reading measurements easy

SPC No.	Part No. and Description	Price
045X162	365 True RMS 200-Amp AC/DC Detachable Clamp Meter	$326.16 ea.

FLUKE

True RMS 600-Amp AC Clamp Meter

➤ Meter measures current to 600 amps ac and voltage to 600 volts ac/dc
➤ Measure resistance to 6000 Ω plus continuity and capacitance to 1000 µF
➤ Large backlit display automatically sets the correct measurement range

SPC No.	Part No. and Description	Price
045X164	373 True RMS 600-Amp AC Clamp Meter	$306.86 ea.

FLUKE

374FC   **375FC**

True RMS 600-Amp AC/DC Wireless Clamp Meters

➤ Meters include Fluke Connect wireless capability
➤ 375 measures resistance to 60 kΩ (6000 Ω with 374), adds frequency to 500 Hz and 500 mV dc range
➤ Measure continuity to 30 Ω and inrush to 100 mS

SPC No.	Part No. and Description	Price
045X100	FLUKE-374 FC 600-Amp AC/DC Wireless Clamp Meter	$483.46 ea.
045X102	FLUKE-375 FC 600-Amp AC/DC Wireless Clamp Meter	$548.11 ea.

FLUKE

True RMS 1000-Amp AC/DC Wireless Clamp Meter

➤ Meter reads to 1000 V and 1000 A ac/dc
➤ Includes 18" iFlex flexible current probe which expands the range to 2500 A ac
➤ Unit measures resistance to 60 kΩ, frequency to 500 Hz and has a mV dc range of 500 mV

SPC No.	Part No. and Description	Price
045X104	FLUKE-376 FC 1000-Amp AC/DC Wireless Clamp Meter	$612.77 ea.

Test

FLUKE.

True RMS 400-Amp AC Clamp Meter

➤ Meter measures current to 400 amps ac and voltage to 600 V ac/dc
➤ Measures resistance to 40 kΩ with continuity detection ≤70 Ω
➤ Slim design with easy to read backlight display

SPC No.	Part No. and Description	Price
045X122	FLUKE-323 Clamp Meter	$191.06 ea.

FLUKE.

True RMS 400-Amp AC Clamp Meter

➤ Meter measures current to 400 amps ac and voltage to 600 V ac/dc
➤ Measures frequency to 500 Hz, capacitance to 1000 μF and contact temperature to 752°F
➤ Measures resistance to 40 kΩ with continuity detection ≤70 Ω

SPC No.	Part No. and Description	Price
045X126	FLUKE-325 Clamp Meter	$400.47 ea.

FLUKE.

True RMS 1000-Amp AC/DC Clamp Meter

➤ Meter reads to 1000 V ac/dc, 1000 A ac/dc and resistance to 60 kΩ
➤ Includes 18" iFlex flexible current probe which expands the range to 2500 A ac
➤ Removable wireless display allows real-time readings up to 30'

SPC No.	Part No. and Description	Price
045X175	FLUKE-381 Clamp Meter	$799.01 ea.

FLUKE.

400-Amp AC/DC Current Clamp

➤ Hall-effect battery-powered probe measures to 400 A
➤ 1mV/Amp output
➤ Take accurate current readings without breaking the circuit

SPC No.	Part No. and Description	Price
045X959	i410 Current Clamp	$299.14 ea.

FLUKE.

400-Amp AC Current Clamp

➤ Extend the functionality of Fluke DMMs
➤ Continuous current range of 1 A to 400 A
➤ 1mV/Amp output
➤ Maximum conductor size is 750 MCM

SPC No.	Part No. and Description	Price
045X963	i400 Current Clamp	$183.34 ea.

FLUKE.

AC/DC Current Clamp

➤ Measures current to 1000 A dc and 600 A ac
➤ Accepts 750 MCM conductor or two 500 MCM
➤ Shrouded banana plugs are attached to a 1.6 meter cable

SPC No.	Part No. and Description	Price
045X957	i1010 Current Clamp	$492.14 ea.

KLEIN TOOLS.

True RMS 400-Amp AC/DC Clamp Meter

➤ Measures ac/dc current to 400 A, ac/dc voltage to 600 V and dc micro amps
➤ Includes thermocouple for temperature measurements from -40 to 1832°F, non-contact voltage sensor
➤ Large jaw size of 1.38"

SPC No.	Part No.	Price
060X211	CL390	1-5, $104.14 ea.; 6-up, $98.93 ea.

KLEIN TOOLS.

True RMS 400-Amp AC Clamp Meter

➤ Measures ac current to 400 A and ac/dc voltage to 600 V
➤ Includes thermocouple for temperature measurements from -40 to 1832°F and non-contact voltage sensor
➤ Large jaw size of 1.38"

SPC No.	Part No.	Price
060X207	CL220	1-5, $72.83 ea.; 6-up, $69.19 ea.

KLEIN TOOLS.

True RMS 600-Amp AC/DC Clamp Meter

➤ Measures ac/dc current to 600 A, ac/dc voltage to 1000 V and temperature to 356°F
➤ Measures resistance, frequency, capacitance and duty cycle
➤ Includes LoZ, low impedance, mode for ghost and stray voltage identification

SPC No.	Part No.	Price
060X969	CL800	1-5, $146.48 ea.; 6-up, $139.16 ea.

Test

045X794

Wireless DMM Kits

➤ The 3000FC wireless multimeter communicates with iOS and Android devices with Fluke Connect™ mobile app

➤ Measure to 1000 V ac/dc and 400 mA, plus continuity, resistance, capacitance and diode

➤ Meter comes in three kits

SPC No.	Part No. and Description	Price
045X794	FLK-3000FC/EDA2 Wireless DMM w/Accessories	$405.29 ea.
045X796	FLK-3000FC/TPAK Wireless DMM w/ToolPak™ Magnetic Meter Hanger (TPAK)	$417.84 ea.
045X798	FLK-3000FC/1AC-II Wireless DMM w/Non-Contact Voltage Tester	$395.64 ea.

Digital Multimeter Accessories

	SPC No.	Part No.	Description	Price Ea.
A.	045X961	i400s	AC Current Clamp, 400A Dual	$337.74
B.	160X987	TL809	Electronic Test Lead Kit, 8-Piece	$18.99
C.	376X600	TLS2000B	Deluxe Digital Multimeter Test Lead Kit	$39.95
D.	045X946	TL81A	Deluxe Test Lead Kit	$199.75
E.	045X940	TL75	Hard Point Test Leads	$33.77
F.	045X944	TL80A	Basic Test Lead Kit	$108.07
G.	045X996	TL220	SureGrip Industrial Test Lead Kit	$101.32
H.	045X995	TL40	Retractable Tip Test Lead Set	$63.68
I.	045X865	TLK289	Industrial Master Test Lead Set	$202.64
J.	045X936	TL224	SureGrip Insulated Test Leads	$40.52
K.	SPC925	SPC925	Fused Test Lead Kit w/Clips & Probes	$201.00

	SPC No.	Part No.	Description	Price Ea.
L.	045X997	TL222	SureGrip Insulated Test Lead Set	$40.52
M.	045X998	TL223	SureGrip Electrical Test Lead Kit	$101.32
N.	630X924	5673B	Digital Multimeter Test Lead Kit	$91.67
O.	045X866	TL175	TwistGuard Test Leads	$42.45
P.	045X942	TL238	SureGrip High Energy Test Leads Kit	$106.14
Q.	045X938	TL175E	TwistGuard Test Leads w/4mm Lantern Tips	$44.38
R.	630X150	3782-24-0	24" Minigrabber/Stack Banana, Black	$9.74
S.	630X155	3782-24-2	24" Minigrabber/Stack Banana, Red	$9.74
T.	045X999	TP220	SureGrip Test Probes	$28.94
U.	045X889	AC285	SureGrip Alligator Clips	$41.00
V.	045X887	AC280	SureGrip Hook Clips	$49.21
W.	045X888	AC283A	SureGrip Pincer Clips	$57.89

True RMS Waterproof DMM

➤ Rugged IP 67 rated DMM

➤ Measure to 1000 V ac/dc and up to 10 A

➤ Extended temperature range of 5 to 131°F

SPC No.	Part No.	Price
045X013	28 II	$656.19 ea.

Insulation Multimeter w/Fluke Connect®

➤ Digital insulation tester and full-featured True RMS DMM combined

➤ Added diagnostics with Fluke Connect Measurements app

SPC No.	Part No.	Price
045X340	1587 FC	$1038.99 ea.

Multimeter, NCV Detector and Receptacle Tester Kit

➤ Measure to 600 V ac/dc

➤ NCV tester power range from 50 to 1000 Vac

SPC No.	Part No.	Price
060X375	69149P	$49.92 ea.

Process Meter

➤ Combines safety rated DMM and mA loop calibrator

➤ Compatible with Fluke Connect

➤ Has HART mode 250 Ω resistor and 24 V loop power supply

SPC No.	Part No.	Price
045X239	789	$1322.99 ea.

Test

FLUKE®

170 Series True RMS DMMs

➤ Front-line True RMS meters

➤ Measure ac/dc voltage to 1000 V, current to 10 A, resistance to 50 MΩ capacitance to 10,000 μF and frequency to 100 kHz

➤ 179 measures -40 to 752°F temperature in °C & °F

SPC No.	Part No. and Description	Price
045X333	175 True RMS General Purpose DMM	$400.47 ea.
045X344	177 True RMS Troubleshooting DMM	$411.00 ea.
045X355	179 DMM w/Temperature	$452.58 ea.
045X984	TPAK Hanging System Only	$51.14 ea.

77-IV Digital Multimeter

➤ Comes with a protective holster with Flex-Stand™ for field service and bench repair

➤ Tapered design and large screen make it easy to read in any environment

➤ Includes 6000 count 3.5-digit display, auto/manual ranging and 33-segment bar graph

SPC No.	Part No. and Description	Price
045X008	77-IV DMM	$396.61 ea.

107 ESP Palm-Sized Digital Multimeter

➤ Compact easy-to-use multimeter for first-pass troubleshooting

➤ Measures ac/dc voltage, ac/dc current, resistance, continuity, capacitance and diode

➤ Frequency, duty cycle test and other functions for basic electrical applications

SPC No.	Part No. and Description	Price
045X288	FLUKE-107 ESP DMM	$150.53 ea.

80 Series Industrial DMMs

➤ Improved measurement functions, troubleshooting features, resolution and accuracy for industrial use

87V/E2 Electrician's Kit

SPC No.	Part No. and Description	Price
045X183	83V Industrial DMM	$444.86 ea.
045X187	87V True RMS DMM w/Temperature	$504.00 ea.
045X187C	FLUKE-87V-C True RMS 87V Calibrated	$699.62 ea.
045X189	87V/IMSK DMM w/Clamp & Temp. Probe	$558.73 ea.
045X188	87V/E2 KIT Electrician's Kit	$689.00 ea.
045X290	FLUKE-87V-MAX True RMS DMM w/IP67	$568.38 ea.
045X282	87V-MAX/E2 KIT Electrician's Kit w/IP67	$748.83 ea.

110 Series True RMS DMMs

➤ 113 designed for basic electrical tests

➤ 114 has auto-V and LoZ input

➤ 115 adds ac/dc current to 10 A, frequency and capacitance

➤ 117 adds a diode test and VoltAlert non-contact voltage

SPC No.	Part No./Description	Price
045X113	113 True RMS DMM	$169.83 ea.
045X425	114 True RMS DMM	$209.40 ea.
045X430	115 True RMS DMM	$257.65 ea.
045X430C	115 DMM Calibrated	$392.75 ea.
045X445	117 True RMS DMM	$273.00 ea.

EXTECH®

Mini Digital Multimeters

➤ Measure -4 to 1400°F with a thermocouple

➤ Measure to 600 V ac/dc, 10 A dc, 20 MΩ

➤ Features resistance, continuity and diode testing

SPC No.	Part No. and Description	Price
160X135	MN35 Mini DMM	$21.99 ea.

▲ AMPROBE®

Compact Digital Multimeters

➤ Feature VolTect™ 70 V to 600 V ac non-contact voltage indicator

➤ Have Magne-Grip™ holster/hanging strap

➤ Autoranging 15XP-B adds logic and diode

SPC No.	Part No. and Description	Price
204X705	5XP-A Compact DMM	$106.14 ea.
204X716	15XP-B Autoranging DMM	$121.58 ea.

▲ AMPROBE®

True RMS Digital Multimeter

➤ Has component and logic test for troubleshooting electronics

➤ Measure to 1000 V dc, 750 V ac, 10 A ac/dc, and 40 MΩ resistance

➤ Has Magne-Grip™ holster & hanging strap

SPC No.	Part No. and Description	Price
204X737	37XR-A True RMS DMM	$279.84 ea.

Test

TiS20+ 9Hz Thermal Imager

➤ Scan from full infrared to full visible images with a single touch to pinpoint location
➤ Rugged IP54 enclosure rating
➤ Detects temperatures from -4°F to 302°F

SPC No.	Part No. and Description	Price
045X260	FLK-TiS20+ 9Hz Imager	$1999.99 ea.

C5™ Compact Thermal Imaging Camera

➤ Use this thermal and visual inspection camera with LED flashlight to identify hidden problems
➤ 3.5" integrated touchscreen
➤ Ignite™ cloud connectivity allows direct data transfer and storage

SPC No.	Part No.	Price
160X090	C5 Imager	$799.00 ea.

CAT III 1500V True-rms Clamp Meter with iFlex

➤ Designed for dc environments up to 1500 volts like solar arrays, wind power, electric railways and data center battery banks
➤ Measure up to 1500 V dc, 1000 V ac and 999.9 A dc or ac through the clamp jaw
➤ iFlex flexible current probe extends ac current to 2500 amps

SPC No.	Part No. and Description	Price
045X105	FLUKE-393 FC Clamp Meter	$725.67 ea.

Solar Irradiance Meter

➤ Get instantaneous irradiance measurements up to 1400 W/m^2 with this high precision mono-crystalline solar sensor
➤ Measure irradiance, temperature, inclination and direction of the solar array
➤ Use the built-in temperature sensor or the external suction mount temperature probe to measure ambient and panel temperature

SPC No.	Part No. and Description	Price
045X220	FLK-IRR1-SOL Meter	$402.40 ea.

62 MAX Infrared Thermometers

➤ Lightweight and ergonomic, drop tested to 3 meters and IP54 rated, display temperature minimum, maximum, average and difference
➤ Single laser 62 MAX and dual laser 62 MAX+

SPC No.	Part No.	Temp. Range	Price
045X862	FLUKE-62 MAX	-22 to 932°F	$130.27 ea.
045X864	FLUKE-62 MAX+	-22° to 1202°F	$197.82 ea.

280 Series True RMS Data Logging Multimeters

➤ Document & display data graphically plus connect wirelessly to app with iIR3000FC
➤ Built-in data logger and TrendCapture
➤ 289 has LoZ low-input impedance function

SPC No.	Part No. and Description	Price
045X116	287 Logging DMM	$710.23 ea.
045X118	289 DMM w/LoZ	$844.37 ea.
045X967	IR3000FC IR Connector	$144.74 ea.

TiX501 60Hz Thermal Imager

➤ Features LaserSharp auto focus, laser distance meter, advanced manual focus, smart lenses and 640 x 480 resolution
➤ Temperature from -4 to 1202°F

SPC No.	Part No. Description	Price
045X835	TiX501 60Hz Thermal Imager, Auto/Manual Focus	$18999.99 ea.

Ti300+ 60Hz Thermal Imager

➤ Features IR-Fusion technology, LaserSharp auto focus, laser distance meter, advanced manual focus, smart lenses and 320 x 240 resolution
➤ Detects temperature from -4 to 1202°F

SPC No.	Part No. Description	Price
045X286	Ti300+ 60Hz Thermal Imager, Auto/Manual	$9299.99 ea.

289/FVF Data Logging Kit

➤ Kit combines 289 data logging meter & FVF-SC2 FlukeView software
➤ Software overlays logged data from six meters or time periods for condition monitoring

SPC No.	Part No. Description	Price
045X120	289/FVF Combo Kit	$1051.99 ea.
045X965	FVF-SC2 Software	$299.14 ea.

289/IMSK Industrial DMM Service Kit

➤ Kit combines the 289 True-RMS data logging multimeter and the i400 400 A ac current clamp

SPC No.	Part No. Description	Price
045X117	289/IMSK Service Kit	$892.62 ea.

Test

Franklin Electric
GRID SOLUTIONS

Celltron Advantage Digital Battery Tester

➤ User-friendly state-of-health battery analysis tool for VRLA, VLA and Ni-Cd batteries

➤ Measure voltage to one volt plus inter-cell and terminal connection resistance

➤ Measure conductance, voltage, temperature and strap resistance in high-noise environments

➤ Built-in WiFi for quick and wireless data transmission

SPC No.	Part No. and Description	Price
855X175	CADD-5000 Digital Tester	$3419.00 ea.
855X180	CADD-5200 Enhanced Kit	$4787.00 ea.
855X170	CADD-5500 Complete Kit	$6497.00 ea.

Cable input and temperature sensor

2.97" x 2.81 " LCD Display

Glove compatible key pad

Access door for USB and charging ports

Lighted probes for use in dark conditions

CADD-5500

Celltron Advantage CADD Kit Comparison Chart			
	5000	5200	5500
Celltron Advantage Digital Tester	✔	✔	✔
Belt Loop and Backpack	✔	✔	✔
Universal Charger and 1m USB Cable	✔	✔	✔
Battery Pack(s)	1	2	2
UNITE™ Web-Based Software Access	✔	✔	✔
4' Interchangeable Cable		✔	✔
Probe Set & Probe Tip Replacements		✔	✔
Clamp Set & Waffle Tip Replacements		✔	✔
8' Probe Cable			✔
Probe Extender for 4' Probe Cable			✔
Probe Extender for 8' Probe Cable			✔

Celltron Backpack

➤ Use to organize Celltron Advantage and Ultra kits and accessories

➤ Compartments have removable padded dividers and can be customized to secure contents

➤ Durable backpack has a reinforced bottom, top and side carry handles and adjustable shoulder straps

SPC No.	Part No. & Desc.	Price
855X128	CA100 Backpack	$196.00 ea.

SCP 6/12™ Battery Conductance Tester

➤ Use to screen the state-of-health of 6-volt and 12-volt sealed lead-acid batteries

➤ Ideal for small systems applications like fire & security alarms plus lighting

➤ Clamps for .187 tab terminal batteries

SPC No.	Part No. & Desc.	Price
855X423	SCP-100 Tester	$797.00 ea.
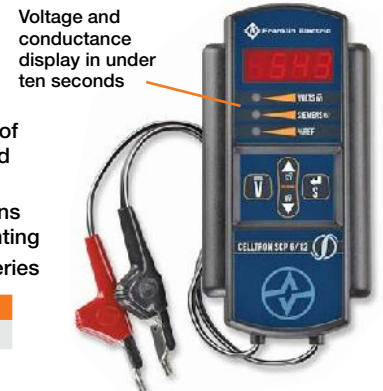
Voltage and conductance display in under ten seconds

Franklin Electric
GRID SOLUTIONS

Connector for clamp and probe cables

LCD graphical display is 2.619" x 1.309"

Dual contact probes have a "Y" junction

Housing is acid-resistant ABS plastic with Santoprene™ overmold

SD card slot for re-moveable memory

Serial connector for optional barcode reader

Equipment is secured and organized in a backpack

Celltron ULTRA Battery Analyzer Kit

➤ Analyzer is designed for universal stationary applications

➤ Test individual lead-acid cells or up to 16-volt monoblocs

➤ Measure 1.5-20 Vdc & 100-19,990 Siemens conductance

➤ Stored reference values assist with pass/fail thresholds

SPC No.	Part No. and Description	Price
855X314	CTU-6000 Celltron ULTRA Kit	$9717.00 ea.

Celltron Application Comparison		
	Advantage	ULTRA
UPS Systems (120, 220/240, 480, 600 Volts)	✔	✔
Telecom Central Office (-48 Volts)	✔	✔
Telecom OSP (-48/+24 Volts)	✔	✔
CATV	✔	✔
Power Utility (SCADA, Switching, etc.)	✔	✔
Generator Start/Fleet Car Truck Batteries	✔	

Test

Battery Packs

Battery Chargers

Clamps

Cables

Probes

Printer and Paper

Memory Card

Clamp Meter

Backpack

Franklin Electric GRID SOLUTIONS

Accessories for
Celltron Advantage Handheld Battery Testers
And Celltron ULTRA Battery Analyzer

SPC No.	Part No.	Description	Price Ea.
855X122	CA090	Advantage 7.2V NiMH Rechargeable Battery Pack	$124.00
855X145	C090	Ultra 9.6V NiMH Rechargeable Battery Pack	$108.00
855X105	CA096	Advantage Desktop Rapid Battery Charger	$507.00
855X113	CA091	Advantage Universal In-Unit Battery Charger	$91.00
855X140	C091	Ultra NiMH Battery Charger for C090	$59.00
855X110	CA092B	Advantage 6.5" Black Lighted Piranha Clamp	$227.00
855X112	CA092R	Advantage 6.5" Red Lighted Piranha Clamp	$227.00
855X115	CA092	Advantage 6.5" Piranha Lighted Clamp Set	$398.00
855X062	C062	Ultra 5" Industrial Clamps w/4' Cables	$678.00
855X125	CA024	Advantage 8' Duraclamp CMA Long Charger	$740.00
855X120	CA026	Advantage 4' Interchangeable Cable	$513.00
855X101	CA049	Advantage 39" USB A/B Cable	$17.00
855X135	C093	Ultra 4' DuraProbe Cable w/Probes	$622.00

SPC No.	Part No.	Description	Price Ea.
855X127	CA093B	Advantage Black 6" Lighted Probe	$227.00
855X132	CA093R	Advantage Red 6" Lighted Probe	$227.00
855X103	CA069	Advantage Replacement Probe Tips Kit	$62.00
855X123	CA093	Advantage 6" Red/Black Lighted Probe Set	$398.00
855X160	C031	Ultra DuraProbe w/Waffle Tips	$72.00
855X155	C034	Ultra 30" Lighted Probe Extender Kit	$456.00
855X077	CA087	Advantage Thermal IR RS232 Printer	$593.00
855X095	A095	Advantage Thermal Paper for RS232 Printer, 6/Pkg	$52.50
855X150	C089	Ultra 2GB SD Memory Card	$103.00
855X072	C040	Advantage Digital Amp Clamp Meter	$499.00
855X128	CA100	Celltron Backpack Case	$196.00

AMPROBE

AC Voltage Detector
➤ High energy tic tracer and non-contact ac voltage detector features VolTect™
➤ Non-contact voltage up to 122 kV
➤ 30-1500 & 1500-122,000 V ac with hot stick

SPC No.	Part No. and Description	Price
008X747	TIC 300 PRO Voltage Detector	$371.52 ea.
008X771	TIC 410A Hot Stick, 0-121 kv	$227.73 ea.

KLEIN TOOLS

Non-Contact Voltage Tester
➤ 50 to 1000 V ac range
➤ 50 to 500 Hz frequency range
➤ Audible and visual alarms

SPC No.	Part No.	Description	Price
060X764	NCVT-1P	Non-Contact Voltage Tester	
		1-11, $20.56 ea.; 12-up, $19.53 ea.	

EXTECH

Receptacle Tester
➤ Test for faulty wiring in 3-wire receptacles
➤ Lights display circuit conditions including opens, reversals and correct wiring

SPC No.	Part No. and Description	Price
160X511	ET15 Receptacle Tester	$7.99 ea.

KLEIN TOOLS

Digital Circuit Breaker Finder
➤ Correct circuit breaker is identified with visual and audible indicators
➤ Tests GFCI devices and operates from 90 to 120 V ac
➤ Connect transmitter to outlet and scan breakers in the panel with the receiver

SPC No.	Part No.	Price
060X074	ET310	1-5, $58.67 ea.; 6-up, $55.74 ea.

Pen Multimeter
EXTECH

➤ Features a retractable tip and large 2000-count high-contrast LCD
➤ Use it for 50 to 600 V ac non-contact voltage detection
➤ Include ac/dc voltage, resistance, continuity and diode test

SPC No.	Part No.	Price
160X197	381676A Pen DMM	$49.99 ea.

KLEIN TOOLS

Electrical Test Kit
➤ Kit features a 600 volt ac/dc manual-ranging digital multimeter
➤ Includes a non-contact voltage detector with a range from 50 to 1000 Vac, a receptacle tester and test leads

SPC No.	Part No.	Price
060X375	69149P	1-5, $49.92 ea.; 6-up, $47.43 ea.

Hand Tools

Cutting blades have a non-glare black finish

Handles have ESD-safe shock-absorbing cushion grips

SPECTRIS TOOL®

5" ESD-Safe Flush Cutter

➤ Use this general purpose cutter to cut up to 20 AWG wire
➤ Superior shearing action gives a clean cut
➤ Low-profile pliers offer reduced mechanical shock

SPC No.	Part No. and Description	Price
940X170	D170 ESD-Safe Flush Cutter	1-11, $10.92 ea.; 12-up, $9.83 ea.

Pro'sKit® Cutter and Precision Pliers

➤ 16 AWG capacity piano wire cutter is made of high carbon steel with a phosphate finish
➤ Pliers are made of carbon steel S45C forged, hardened and nickel plated
➤ Pliers are spring-loaded with dual-color non-slip TPR handles for maximum comfort

SPC No.	Part No. and Description	Price
169X100	200-087 Pro'sKit Heavy Duty Piano Wire Cutter, 5"	$10.54 ea.
169X550	PM-746 Needle Nose Pliers, 5¾"	$7.58 ea.
169X553	PM-736 Long Nosed Pliers, 5¼"	$7.94 ea.

9" High-Leverage Side-Cutters

➤ High-leverage New England style pliers have hardened steel cutting knives
➤ Hot-riveted joint with rivet closer to the cutting edge ensures smooth action

SPC No.	Part No. and Description	Price
060X038	D213-9NE High-Leverage Side-Cutters	1-11, $39.16 ea.; 12-up, $37.20 ea.

Standard Long-Nose Pliers

➤ Slim head for confined areas has wrapping and looping knurled jaws
➤ Hot-riveted joint ensures smooth action

SPC No.	Part No. and Description	Price
060X077	D301-6C Pliers, 6⅝"	1-11, $30.77 ea.; 12-up, $29.23 ea.

6" Diagonal Cutter w/Skinner

➤ Tapered nose for work in confined spaces
➤ All-purpose cutters have a Bell System type W-notch that slits insulation cleanly

SPC No.	Part No. and Description	Price
060X065	D252-6SW Diagonal Cutter w/Skinner	1-11, $47.33 ea.; 12-up, $44.96 ea.

5" Pointed-Nose Diagonal Cutter w/Narrow Jaw

➤ For use with delicate work in tight areas
➤ Sharp pointed nose gives precise tip cuts and tool is spring-loaded for self-opening

SPC No.	Part No. and Description	Price
060X060	D244-5C Pointed-Nose Diagonal Cutter	1-11, $48.53 ea.; 12-up, $46.10 ea.

5" Diagonal Cutter w/Strip Notches

➤ Bell System pliers have "W" notches to cleanly slit insulation
➤ Use "V" notch at hinge to crush insulation

SPC No.	Part No. and Description	Price
060X201	D528V Diagonal Cutter w/Strip Notches	1-5, $43.73 ea.; 6-up, $41.55 ea.

CCS-6 Cable Cutter

➤ Compact cable cutter is designed to cut coax cable with steel center conductor
➤ Tested to 10,000 cuts
➤ Use on solid copper wire and twisted pair

SPC No.	Part No. and Description	Price
168X091	10514C Cable Cutter	$21.37 ea.

T®-Cutter Wire Cutter

➤ Use on wire up to ½", fine stranded wire and #10 AWG solid copper wire
➤ Sheer-type blades made of hardened steel

SPC No.	Part No. and Description	Price
370X213	45-123 T-Cutter Wire Cutter	1-11, $23.04 ea.; 12-up, $21.89 ea.

Small Data T®-Cutter

➤ Curved blades maintain cable geometry
➤ Cut round communication cable to ½" and coax cable to RG-9/U

SPC No.	Part No. and Description	Price
370X181	45-074 Small Data T-Cutter Wire Cutter	1-11, $24.40 ea.; 12-up, $23.18 ea.

Flush Cut Kevlar Cutters

➤ High-carbon stainless steel blades offer precise flush cutting
➤ Feature thin-nose jaws for tight places and spring-action thermoplastic rubber handles

SPC No.	Part No. and Description	Price
054X438	JIC-190 Flush Cut Kevlar Cutters	1-11, $26.95 ea.; 12-up, $25.60 ea.

Hand Tools

High-Leverage Cable Cutter
➤ Precision one-handed shearing action
➤ Use on cable up to 4/0 aluminum, 2/0 soft copper and 100-pair 24 AWG communication cable

SPC No.	Part No. and Description	Price
060X870	63050 Cable Cutter, 9½"	1-11, $39.89 ea.; 12-up, $37.90 ea.

Journeyman High-Leverage Cable Cutter
➤ Journeyman state-of-the-art dual material handles
➤ Use on cable up to 4/0 aluminum, 2/0 soft copper and 100-pair 24 AWG communication cable

SPC No.	Part No. and Description	Price
060X134	J63050 Cable Cutter, 9⁹⁄₁₆"	1-5, $43.22 ea.; 6-up, $41.06 ea.

Coax Cable Cutter
➤ Use on soft cable up to 1" in diameter
➤ Heat-treated and precision-ground steel blades
➤ Score jacket and insulation plus cut copper and aluminum cable

SPC No.	Part No. and Description	Price
060X867	63030 Coax Cable Cutter, 8¼"	1-5, $55.64 ea.; 6-up, $52.86 ea.

High-Leverage Cable Cutter
➤ For use on solid or stranded soft copper cable and wire up to 2/0, aluminum up to 4/0 and 100-pair 24-AWG telephone cable
➤ Chrome vanadium steel cuts cleanly without distorting the cable

SPC No.	Part No. and Description	Price
168X026	10540C BTC-20 Cable Cutter	$26.72 ea.

Cable Cutters™
➤ UP-B76 banana cutter cuts ¾" aluminum and copper coax cable
➤ Use UP-B41 clean cutter on multi-strand #2 copper, 2/0 aluminum and 50-pair communication cable

SPC No.	Part No. and Description	Price
300X076	UP-B76 Banana Cutter, 8¼"	1-11, $38.93 ea.; 12-up, $36.99 ea.
300X041	UP-B41 Clean Cutter, 8"	1-11, $35.62 ea.; 12-up, $33.84 ea.

24" Steel-Handled Bolt Cutter
➤ Use on soft and medium metals to ⁷⁄₁₆" or Brinell 300/Rockwell C31
➤ Use on hard metals up to ⁵⁄₁₆" or Brinell 400/Rockwell C42
➤ Center-cut jaws and steel handles produce 90° cuts

SPC No.	Part No. and Description	Price
060X885	63324 Bolt Cutter, 24"	1-5, $165.52 ea.; 6-up, $157.24 ea.

JONARDTOOLS®

High-Leverage Cable Cutter
➤ Shear -type jaws and spring-loaded mechanism
➤ Use on cable up to 4/0 aluminum, 2/0 soft copper and 100-pair 24 AWG communication cable

SPC No.	Part No. and Description	Price
054X450	JIC-63050 Cable Cutter, 9¼"	1-5, $20.95 ea.; 6-up, $19.90 ea.

Coax Cable Cutters
➤ Use JIC-755 to cut coax cable up to 1"
➤ Use JIC-750 on hard line coax cable up to ¾"
➤ Work with both aluminum or copper conductors

SPC No.	Part No. and Description	Price
054X445	JIC-755 Coax Cutter, 8¼"	1-11, $31.95 ea.; 12-up, $30.35 ea.
054X449	JIC-750 Banana Cutter, 8¾"	1-11, $25.95 ea.; 12-up, $24.65 ea.

BURNDY®

MCC Manual Cable Cutters
➤ Precision copper and aluminum cable cutters
➤ MCC600 cuts 600 kcmil cable with up to 1.31" insulation
➤ MCC1000 cuts 1000 kcmil cable with up to 1.90" insulation

SPC No.	Part No. and Description	Price
109X071	MCC600 Heavy Duty Manual Cable Cutter, 21"	1-5, $160.05 ea.; 6-up, $152.04 ea.
109X076	MCC1000 Heavy Duty Manual Cable Cutter, 32"	1-5, $267.34 ea.; 6-up, $253.97 ea.

Adjustable Wire Strippers

SPC No.	Part No. and Description	Price
155X100	80300 100 Strip 22-10 AWG	$8.61 ea.
155X101	80305 101-S Spring Action	$12.15 ea.
155X103	80315 103-S Adjustable Cam	$12.54 ea.

T®-Strippers

➤ Feature built-in wire looping holes, wire cutters, plier-nose and knife-type blades
➤ Reflex premium strippers add 45° curved ergo-nomic handles and cushion grip

SPC Number	Model	Part Number	Wire Gauge (Solid/Stranded)	Price Each
370X210	T-5	45-120	10-18/12-20	$15.87
370X215	T-7	45-125	22-30/24-32	$23.27
370X415	Reflex T-5E	45-415	10-18/12-20	$25.08
370X416	Reflex T-6E	45-416	14-24/16-26	$25.08
370X417	Reflex T-7E	45-417	22-30/24-32	$27.61
370X418	Reflex T-8E	45-418	6-14/8-16	$27.27

Stripmaster® Wire Strippers

➤ Precision knife-type cutting blades and cushioned non-slip comfort-grip handles
➤ One-step stripping & spring-action motion

SPC. Number	Part. Number	Wire Gauge	Price Each 1-11	12-up
370X285	45-265	RG59 Coax	$55.01	$52.26
370X186	45-091	18-10 AWG	$60.34	$57.32
370X187	45-092	22-10 AWG	$58.04	$55.14
370X188	45-093	22-14 AWG	$60.34	$57.32
370X192	45-097	26-16 AWG	$60.34	$57.32
370X193	45-098	30-20 AWG	$60.34	$57.32

SPECTRIS TOOL®

Wire Stripper

➤ Stranded wire 26 to 16 AWG

SPC No.	Part No. and Desc.	Price
940X010	S2028 26-16 AWG	
	1-11, $18.40 ea.; 12-up, $16.56 ea.	

Adjustable Stripper

➤ Insulated wire 24 to 10 AWG

SPC No.	Part No. and Desc.	Price
940X014	S2022C 24-10 AWG	
	1-11, $7.25 ea.; 12-up, $6.95 ea.	

Wire Stripper/Crimper

➤ Terminals 22 to 10 AWG

SPC No.	Part No. and Desc.	Price
940X016	S2030 22-10 AWG	
	1-11, $19.86 ea.; 12-up, $17.87 ea.	

Adj. Stripper/Cutter

➤ Strip and cut insulated wire

SPC No.	Part No. and Desc.	Price
940X018	S223M 22-10 AWG	
	1-11, $12.24 ea.; 12-up, $11.02 ea.	

JONARD TOOLS®

Precision Strippers

➤ Adjustable with six settings

SPC No.	Part No./Desc.	Price
054X694	ST-450, 26-36	$54.95 ea.
054X693	ST-500, 20-30	$45.95 ea.
054X698	ST-500ESD	$54.95 ea.
054X696	ST-550 18-28	$45.95 ea.

Wire Stripper/Cutter

➤ Solid 20-8 and stranded 22-8

SPC No.	Part No. and Desc.	Price
054X765	WS-822 20-8 AWG	
	1-11, $37.95 ea.; 12-up, $36.05 ea.	

Stainless Stripper

➤ Solid 20-10 and stranded 22-12

SPC No.	Part No. and Desc.	Price
054X797	WSS-1020 20-10 AWG	
	1-11, $21.20 ea.; 12-up, $20.25 ea.	

Wire Stripping Pliers

➤ Solid 16-10 and stranded 18-12

SPC No.	Part No. and Desc.	Price
054X792	WSC-1016 16-10 AWG	
	1-11, $24.95 ea.; 12-up, $23.83 ea.	

JONARD TOOLS®

Cable Stripper

➤ 14/2 and 12/2 NM cable

SPC No.	Part No. and Desc.	Price
054X795	WSC-1412 12/2 & 14.2 NM	
	1-11, $20.95 ea.; 12-up, $20.01 ea.	

Wire Stripper/Crimper

➤ Strip 26-8, Crimp 22-10 Term.

SPC No.	Part No. and Desc.	Price
054X762	WSC-826 8-26 AWG	
	1-11, $29.95 ea.; 12-up, $28.45 ea.	

PLATINUM TOOLS

ProStrip Strippers

➤ Strip 20-10 AWG or 30-16 AWG

SPC No.	Part No./Desc.	Price
168X106	15003C 20-10	$16.01 ea.
168X108	15005C 30-16	$16.01 ea.

KNIPEX®

Wire Stripper

➤ Solid & stranded 20 to 10 AWG

SPC No.	Part No. and Desc.	Price
914X042	13 72 8 20-10 AWG	
		$43.00 ea.

Hand Tools

Straight-Jaw Tongue and Groove Pliers

➤ Patented reinforcing edge minimizes stress breakage
➤ Forged high carbon steel is coated for rust prevention

SPC No.	Part No. and Description	Price
019X418	424 4½", ½" Jaw, 3 Adj.	1-11, $20.74 ea.; 12-up, $19.70 ea.
019X420	426 6½", ⅞" Jaw, 5 Adj.	1-11, $17.92 ea.; 12-up, $17.02 ea.
019X529	420 9½",1½" Jaw, 5 Adj.	1-11, $21.62 ea.; 12-up, $20.54 ea.
019X532	440 12", 2¼" Jaw, 7 Adj.	1-11, $25.52 ea.; 12-up, $24.24 ea.

PERMALOCK® fastener

90° laser hardened teeth

Undercut tongue and groove

CHANNELLOCK BLUE® grips

Original™ Long-Nose Locking Pliers

➤ Long straight nose gives easy access in narrow places
➤ Tools have a built-in wire cutter and turn screw to adjust pressure
➤ Classic trigger release gives maximum locking force

SPC No.	Part No. and Description	Price
321X012	4-LN 4" Long, 1⅝" Jaw	1-11, $16.18 ea.; 12-up, $15.37 ea.
321X030	6-LN 6" Long, 2" Jaw	1-11, $21.49 ea.; 12-up, $20.42 ea.
321X076	9-LN 9" Long, 2¾" Jaw	1-11, $25.76 ea.; 12-up, $24.48 ea.

VISE-GRIP®

Original™ Curved-Jaw Locking Pliers

➤ Tools have a built-in wire cutter and turn screw to adjust pressure
➤ Classic trigger release gives maximum locking force

SPC No.	Part No. and Description	Price
321X015	4-WR 4" Long, 1" Jaw	1-11, $14.27 ea.; 12-up, $13.56 ea.
321X020	5-WR 5" Long, 1⅛" Jaw	1-11, $19.98 ea.; 12-up, $18.98 ea.
321X055	7-WR 7" Long, 1½" Jaw	1-11, $20.53 ea.; 12-up, $19.50 ea.
321X095	10-WR 10" Long, 1⅞" Jaw	1-11, $20.87 ea.; 12-up, $19.83 ea.

JONARD TOOLS

Diagonal Cutting Pliers

➤ Feature tapered nose, bevel knives and crusher
➤ JIC-7858 has .030" & .045" skinning holes

SPC No.	Part No. and Description	Price
054X447	JIC-7858 Diagonal Cutting Pliers, 6¼"	
		1-11, $25.95 ea.; 12-up, $24.65 ea.
054X427	JIC-600 Diagonal Cutting Pliers, 6¼"	1-5, $19.95 ea.; 6-up, $18.95 ea.

Lineman's B Side Cut Pliers

➤ Made for heavy-duty construction work
➤ Use to cut bolts, nails and high-strength wire

SPC No.	Part No. and Description	Price
054X442	JIC-683 Lineman's B Side Cut Pliers, 9½"	
		1-11, $21.95 ea.; 12-up, $20.85 ea.

Standard Long-Nose Pliers

➤ Slim head for confined areas has wrapping and looping knurled jaws
➤ Serrated jaws for gripping, wrapping or looping wires

SPC No.	Part No.	Price
060X077	D301-6C Long Nose Pliers, 6⅝"	1-11, $30.77 ea.; 12-up, $29.23 ea.

KLEIN TOOLS

Journeyman™ Long Nose Pliers

➤ Grip, wrap and loop wire and leads
➤ Side cutters and 12-AWG solid wire stripper

SPC No.	Part No.	Price
060X128	J203-8N Long-Nose Pliers, 8"	1-5, $46.88 ea.; 6-up, $44.53 ea.

KNIPEX®

TwinGrip Slip Joint Pliers

➤ Front and side gripping from 5⁄32" to ⅞"
➤ Slim head design for confined spaces

SPC No.	Part No. and Description	Price
914X617	82 02 200 Slip Joint Pliers, 8"	$41.80 ea.

Slip Joint Pliers

➤ Pliers have a wire cutting shear
➤ Permalok fastener eliminates nut/bolt gripping failure

SPC No.	Part No.	Price
019X526	526 Slip Joint Pliers, 6½"	1-11, $14.58 ea.; 12-up, $13.85 ea.
019X527	528 Slip Joint Pliers, 8"	1-11, $15.02 ea.; 12-up, $14.27 ea.

Multi-Purpose Six-in-One Tool

➤ Strip and cut 10-22 AWG wire
➤ Crimp insulated terminals

SPC No.	Part No.	Price
060X473	1000	1-11, $25.70 ea.; 12-up, $24.42 ea.

Crimping Tool with Wire Cutter in Nose

➤ Crimp and cut 10-22 AWG wire and
➤ Insulated and non-insulated terminals

SPC No.	Part No.	Price
060X480	1005	1-11, $35.36 ea.; 12-up, $33.59 ea.

All-Purpose Electrician's Tool

➤ 8-22 AWG solid & 10-26 AWG stranded wire
➤ 7-8 mm insulated & non-insulated terminals

SPC No.	Part No.	Price
578X150	1001	1-11, $31.95 ea.; 12-up, $30.36 ea.

SPECTRIS TOOL®

Wire Stripper/Crimper Combo Tool

➤ Crimp, cut and strip 22-10 AWG terminals
➤ Size wire and studs plus cut screws

SPC No.	Part No.	Price
940X016	S2030	1-11, $19.86 ea.; 12-up, $17.87 ea.

Insulated Terminal and Lug Crimp Tool

TEMPO COMMUNICATIONS

➤ Install insulated terminals and lugs
➤ Use on solid or stranded 22-10 AWG wire

SPC No.	Part No. and Description	Price
170X072	PA1305 Crimper	$64.41 ea.

Insulated Terminal Ratcheting Shure-Stake Crimper

Thomas&Betts ABB INSTALLATION PRODUCTS

➤ Install nylon and vinyl RA/RAX/RB/RBC/RC terminals, splices and disconnects

SPC No.	Part No. and Description	Price
272X197	WT145C Crimper	$846.84 ea.

Thomas&Betts ABB INSTALLATION PRODUCTS

Comfort Crimp™ Sta-Kon® Terminal Tools

➤ Shure Stake® mechanism ensures a complete crimp cycle
➤ Crimp 22-10 AWG terminals, splices and disconnects
➤ Three styles for a variety of insulated and non-insulated types

SPC No.	Part No. and Description	Price
272X120	ERG-4001, 22-10 Insulated	1-5, $397.85 ea.; 6-up, $377.95 ea.
272X115	ERG-4002, 22-10 Noninsulated	1-5, $397.85 ea.; 6-up, $377.95 ea.
272X117	ERG-4007, 8-6 AWG Insulated	1-5, $454.95 ea.; 6-up, $432.21 ea.

SARGENT

Open-Barrel Contact Crimpers

➤ Two cavities for insulation crimps and three for conductor crimps
➤ Use 1026CT with open barrel contacts including D-sub in small wire
➤ Use 1028CT to crimp open barrel contacts in medium size wire

SPC No.	Part No. and Description	Price
307X215	1026 CT Small Wire Crimper, 30-16 AWG	$32.60 ea.
307X218	1028 CT Medium Wire Crimper, 24-14 AWG	$32.60 ea.

Thomas&Betts ABB INSTALLATION PRODUCTS

Sta-Kon® Crimp Kit

➤ STAKIT contains an assortment of Sta-Kon vinyl insulated fork & ring terminals, butt splices and disconnects from 10-22 AWG
➤ Items come organized in a metal box

SPC No.	Part No. and Description	Price
272X907	Sta-Kon STAKIT	1-5, $558.29 ea.; 6-up, $530.38 ea.
272X193	WT112M Crimp Tool Only	1-5, $74.32 ea.; 6-up, $70.61 ea.

Sta-Kon Kit Contents	
Sta-Kon® WT112M Crimping Tool	50 Vinyl Butt Splices, Ring Terminals, Locking
100 Vinyl Butt Splices, Fork Terminals, Locking	Fork Terminals, Disconnects (12-10 AWG)
Fork Terminals, Disconnects (22-18 AWG)	100 TY525M Cable Ties, 7.5"
100 Vinyl Butt Splices, Ring Terminals, Locking	EZCODE® Vinyl Wire Marker Book
Fork Terminals, Disconnects (18-14 AWG)	

Sta-Kon® Crimping Pliers

Thomas&Betts ABB INSTALLATION PRODUCTS

➤ Cut, strip and crimp Sta-Kon terminals, splices and disconnects
➤ WT111M for Type A, B and C, WT112M adds RA, RB and RC

SPC No.	Part No. and Description	Price
272X190	WT111M, 22-10 AWG	1-5, $72.51 ea.; 6-up, $68.88 ea.
272X193	WT112M, 26-10 AWG	1-5, $74.32 ea.; 6-up, $70.61 ea.

Thomas&Betts ABB INSTALLATION PRODUCTS

Sta-Kon® Terminal Installation Tool

➤ Cut, strip & crimp 26-10 AWG A, B, C, AB, PT, RA, RB and RC type non-insulated terminals and splices

SPC No.	Part No. and Description	Price
272X195	WT2000 Installation Tool	1-5, $102.83 ea.; 6-up, $97.69 ea.

Drills

20-V MAX* ½" Cordless Compact Drill Driver Kit

➤ Light and fits into tight spaces
➤ Has ½" ratcheting chuck for excellent bit gripping strength
➤ 350 UWO power plus two speed ranges of 0-600 and 0-2000 RPM
➤ Comes with two 20V MAX* lithium-ion battery packs, charger and belt hook in a contractor bag

15 clutch settings for torque

DeWALT

Li-ion battery has a quick 30-minute charge time

SPC No.	Part No. and Description	Price
394X780	DCD780C2 MAX* Kit	1-5, $281.92 ea.; 6-up, $267.82 ea.
394X133	DCB201 Replacement Battery	1-5, $126.08 ea.; 6-up, $119.78 ea.

20-V MAX* XR® Brushless ½" Drill/Driver Kit

DeWALT

➤ 535 UWO of maximum power for superior performance and three speed ranges of 0-500/0-1250/0-2000 RPM
➤ Includes 3-mode LED light, two 20V batteries, charger, belt hook, 360° side handle and kit box

SPC No.	Part No. & Description	Price
394X060	DCD991P2 Brushless MAX* Kit	
		1-5, $482.53 ea.; 6-up, $458.41 ea.

12-V MAX ⅜" Drill/Driver Kit

➤ Compact and lightweight
➤ 189 UWO max power plus two speed ranges of 0-400 and 0-1500 RPM
➤ Includes LED light, two 12V batteries, charger, belt hook and contractor bag

SPC No.	Part No. & Description	Price
394X065	DCD710S2 12-V MAX Kit	
		1-5, $182.75 ea.; 6-up, $173.61 ea.

20-V MAX Brushless ½" Hammer Drill/Driver Kit

➤ 340 UWO max power plus speed ranges of 0-500 and 0-1750 RPM
➤ Includes LED light, two 20V batteries, charger and tool bag

SPC No.	Part No. & Description	Price
394X787	DCD778C2 Brushless MAX Kit	
		1-5, $266.25 ea.; 6-up, $252.94 ea.

8-V MAX ¼" Gyroscopic In-Line Screwdriver

DeWALT

➤ Motion activated variable speed of 0-430 RPM
➤ Holds 1" bit tips and has a bright LED light
➤ 8V MAX battery pack offers long runs and charges in one hour

SPC No.	Part No.	Description	Price
394X064	DCF682N1	Screwdriver Kit	1-5, $126.08 ea.; 6-up, $119.78 ea.

DeWALT

32-Piece Rapid Load™ Set

➤ Bit-bar design case system with clear lid
➤ Rapid Load holder fits all ⅜" and ½" drills
➤ Includes rapid-load holder, drive guide, nut drivers, socket adapters plus hex shank- power- and insert bits

SPC No.	Part No. and Description	Price
395X188	DWAMF1232RL Rapid Load Set	
		1-5, $39.97 ea.; 6-up, $37.97 ea.

CablePrep
Tools You Trust Since 1979

Carpet Cutter and Drill Guide

➤ Cut 7⁄16" holes in carpet and pad
➤ Carpet plugs fit perfectly should drop location change
➤ Features knurled handle, hardened steel serrated blade, safety cap and hex key

SPC No.	Part No.	Price
304X210	4375	1-5, $40.85 ea.; 6-up, $39.62 ea.

ATRIX

Omega Supreme Plus Electronic Vacuum

➤ Electronic line filter & ESD safe accessories minimize EMI/RFI noise
➤ Ultra-fine filtration of 88% efficiency at 0.3 microns

SPC No.	Part No. and Description	Price
591X260	VACOSE110 Vacuum	$326.20 ea.
591X125	OF612HE HEPA Replacement Filter	$40.30 ea.
591X308	31700-1P Standard Replacement Filter	$16.85 ea.
591X265	31653 ESD-Safe Round Dusting Brush	$13.63 ea.

Omega Supreme Plus HEPA Electronic Vacuum

➤ Cleans static sensitive equipment and hazardous debris like dust, color toner, allergens, mold spores and ultra fine particulate
➤ ESD-safe unit's electronic line filter suppresses EMI/RFI noise
➤ HEPA is 99.97% efficient at 0.3 µm and ULPA is 99.99% at 0.12 µm

SPC No.	Part No. and Description	Price
591X252	VACOMEGASLFH HEPA Vacuum	$345.42 ea.
591X225	VACOMEGASLFU Vacuum w/ULPA Line Filter	$351.42 ea.
591X125	OF612HE HEPA Replacement Filter	$40.30 ea.

ATRIX

SCS

Express Office Vacuums

➤ ESD safe service vacuums are small, powerful and lightweight
➤ Use Express Vacs to service and clean static sensitive equipment
➤ VACEXP-04 with HEPA filtration is 99.97% efficient at .3 µm and VACEXP-03 with a line filter is 88% efficient at .3 µm

SPC No.	Part No. and Description	Price
591X222	VACEXP-04 Safety HEPA Vacuum	$215.68 ea.
591X211	VACEXP-03 Vacuum with UltraFine Line Filter	$167.89 ea.

Vacuum includes a self-storing vacuum hose assembly, wand and plastic crevice tool which drain away static, and a dusting brush/adapter, tubular nozzle and type 2 standard filter.

DeWALT

Wet-Dry Vacuum Cordless or Corded

➤ HEPA rated wet/dry filter traps with 99.97% efficiency at 0.3 microns
➤ Powered by 20V MAX* battery or by an AC outlet
➤ Includes 5' hose, two-gallon tank, wide nozzle and crevice tool attachments, filter and HEPA filter. Battery and charger sold separately.

SPC No.	Part No. and Description	Price
394X078	DCV581H Wet/Dry Vacuum	1-5, $253.58 ea.; 6-up, $240.90 ea.

Electronic Field Service Vacuums

➤ ESD-safe vacuum that reliably cleans toner from copy machines, printers, and almost anything else a field engineer might encounter
➤ Current limiting features protect personnel and sensitive electronic components from electrostatic discharge

SPC No.	Part No. and Description	Price
599X990	497AJN Vacuum	1-5, $342.93 ea.; 6-up, $325.79 ea.
599X985	497AJN-I Vac. w/Filter Indicator	1-5, $555.15 ea.; 6-up, $527.39 ea.
599X992	497ABG 220-Volt Vacuum	$453.82 ea.
599X999	SV-MPF2 Type 2 Standard Filter	$26.52 ea.
599X995	SV-SPF1 Type 1 Fine Particle Filter	$63.72 ea.

Telecom Cable Tools

Compression Crimp Tools

Mechanical Crimp Tools: Mechanical crimp tools use the force from your hands. The smallest manual crimp tools resemble pliers and are convenient to carry in a tool box. Often a ratchet device is added to the crimp tool, lessening the handle force required for a successful crimp. These tools generally have a die wheel that accommodates several different gauges of lugs and connectors.

Self-Contained Hydraulic Crimp Tools: Hydraulic crimp tools are self contained and manually operated, but the hydraulic mechanism in the handle increases the amount of compression force. Hydraulic crimp tools provide reliable, high quality installations and are recommended when portability and power are called for. This type of crimp tool requires dies that are usually purchased separately.

Power-Assisted Crimp Tools: Battery actuated and non-self-contained hydraulic crimp tools use battery or electric power to operate. They deliver the greatest amount of compression force and complete consistent high-quality crimps very quickly. While portable, they are the heaviest type of compression tool, so are used when many compressions are needed in one location. They also require separate dies.

Die Groove Color	Equiv. Hex Die Code No.
Red	21
Blue	24
Gray	29
Brown	33
Green	37
Pink	42
Black	45
Orange	50
Purple	54
Yellow	62
Gold	45
Tan	50
Olive	54
Ruby	60
White	66

Choosing the Die Nest

Nest

Color Code

➤ Determine the correct conductor size
➤ Determine the correct conductor type
➤ Match color on connector to color on die
➤ Use a crimping nest with more than one color band on any matching connector

Installing, Changing and Removing Dies

➤ Hold tool with die retaining spring facing you and open handles until fully extended
➤ Hold die with the desired crimping nest and color code in the lower right corner
➤ Insert and/or remove die from under the die retaining spring in the tool head
➤ Spring's pressure on the die locator pin holds die in place

CAUTION: Use only a UL and/or CSA listed connector.
Any other combination may result in a connection which does not meet established standards.

BURNDY

Rotating die wheel holds six color-coded die nests.

Full-Cycle Ratcheting Crimper

➤ Complete a positive crimp of uninsulated terminals and splices
➤ Accommodates copper compression HYDENT™ connectors for #12 to #2 AWG Class B, Class 1 flexible, #2 solid and #3 stranded wire

SPC No.	Part No. and Description	Price
109X790	Y122CMR Ratcheting Crimper	1-5, $318.51 ea.; 6-up, $302.58 ea.

WIREMIKE™ comes with inch and fraction markings plus provides easy conversion information.

BURNDY

Wire Identification and Measuring Tool

➤ WIREMIKE™ is a strong and durable stainless steel wire micrometer
➤ Measure ASCR #6 to 336.4 stranded, stranded #18 to 2000 kcmil, and solid #20 to 4/0 AWG cables plus rigid conduit and IPS tubing

SPC No.	Part No. and Description	Price
109X655	WIREMIKE Steel Wire Micrometer	1-11, $53.35 ea.; 12-up, $50.69 ea.

Both kits feature the Y1MRTC HYTOOL™ described to the right in a sturdy metal carry case.

BURNDY

Ratcheting Crimper Compression Systems

➤ HYTOOL™ has an emergency release, ergonomic frame and handles
➤ Y1MRKIT contains nine terminals and five splices
➤ Y1MRTCKIT has 14 terminals and YC4L12 thin-wall 12-4 AWG C-tap

SPC No.	Part No. and Description	Price
109X797	Y1MRKIT Ratcheting Crimper Compression System	$619.91 ea.
109X799	Y1MRTCKIT Ratcheting Crimper Compression System	$756.11 ea.

Mechanical Crimper

➤ Full-cycle HYTOOL™ accommodates copper lug and splice compression HYDENT™ connectors
➤ Rotating color-coded die wheel matches up with connectors and embosses die indexes

SPC No.	Part No.	Price
109X795	Y1MRTC	$341.89 ea.

BURNDY

Die Nest Color	Copper Lug/Splice	
Red	#8 AWG	
Blue	#6 AWG	
Gray	#4 AWG	
White	#3 AWG, #2 Solid	
Brown	#2 AWG	
Green	#1 AWG	
	Copper C-Tap	
	Main	Branch
Brown	#6 AWG	#6 AWG

BURNDY®

Tool uses U-style dies, has 355° head rotation plus bearing & alignment guide for HYGROUND®

18-V Li-ion battery has 30 minute charge

PAT750-LI
PATRIOT® Li-ion Crimpers
➤ Crimp applications include tension sleeves, taps, aerial cable, terminals/splices, HYROUND/compression grounding and ground rods
➤ Comes with a standard or rubber-covered head

SPC No.	Part No. and Description	Price
109X302	PAT750LI Standard Head	$5285.96 ea.
109X307	PAT750CLI Covered Head	$5451.43 ea.
109X042	BAT18VLI Replacement Battery	1-5, $298.78 ea.; 6-up, $283.85 ea.

BURNDY® Battery-Powered Crimper Comparison			
	PAT750	PAT750-T3	PAT46
Output Force	12 tons	12 tons	15 tons
Dies	U	U	P & U
Terminal/Splice/Taps	✔	✔	✔
Ground Rods	✔	✔	✔
Tension Sleeves	✔	✔	
HYGROUND	✔	✔	
T3 Technology		✔	

BURNDY®

PATRIOT® Hydraulic 15-Ton Crimper
➤ Latching crimp head rotates 355° and has a 2" jaw opening
➤ Use with P dies and U dies with PUADP1 adapter (sold separately)
➤ Overmolded ergonomic handle

SPC No.	Part No. and Description	Price
109X275	PAT46LWSLI Hydraulic 15-Ton Crimper, 18V Li-ion	$6612.29 ea.
109X042	BAT18VLI Replacement Battery	1-5, $298.78 ea.; 6-up, $283.85 ea.

BURNDY®

Send data to cloud and do remote firmware updates with Bluetooth

PATRIOT® T3 12-Ton Uncovered Crimper
➤ Track, trace and transmit with state-of-the-art T3 technology
➤ Onboard GPS chip maps crimp location, date and time
➤ Allows crimps to be managed, shared and reported

SPC No.	Part No. and Description	Price
109X285	PAT750T3U03A3 T3 12-Ton Crimper, 3.0Ah 18V Li-ion	$5470.06 ea.
109X042	BAT18VLI Replacement Battery	1-5, $298.78 ea.; 6-up, $283.85 ea.

BURNDY®

Y35 HYPRESS™ Hydraulic Crimpers
➤ 12-ton tool with C-shaped hook-style rotatable head uses U dies
➤ 10,000 psi pressure, rapid ram advance and trigger controlled return

SPC No.	Part No. and Description	Price
109X964	Y35-2 Rubber-Covered for Impact Protection	$3056.69 ea.
109X962	Y35 Standard Head	$3010.61 ea.

BURNDY®

Y750 REVOLVER HYPRESS™ Hydraulic Crimpers
➤ 12-ton tool with C-shaped hook-style 355° rotating head uses U dies
➤ Rapid-advance pump, handle trigger drain and audible relief valve

SPC No.	Part No. and Description	Price
109X885	Y750CHSXT Rubber-Covered Head and Handles	$2699.01 ea.
109X880	Y750HSXT Standard Head	$2980.83 ea.

BURNDY

BURNDY® Dies

➤ Designed for reliable and controllable electrical connections
➤ Dies are part of a color-coded connection system where cable size is represented by a corresponding color on lugs, taps and dies
➤ This system is designed to give installers confidence that they are crimping the correct connector with the appropriate connector die
➤ Use W-Die sets with MD6, MD7, Y500CTHS, PAT600 and PATMD6 series tools plus Type YA, YS, YA-A, YS-A non-tension connectors
➤ W-Die sizes 250 to 500 kcmil are for Y500CTHS, MD7-34(R) and PAT600 series tools. The 600 kcmil is for PAT600 series only
➤ U-Die sets fit Y35, Y39, Y750, PAT750-18V, PAT46-18V, PAT750-LI, PAT46-LI and Y46 (with PUADP-1 adapter) series tools
➤ Non-tension U-type 12-ton dies can be used on YA, YS, YA-A and YS-A connectors

W-Dies for Copper Connectors (-RT)

Stock No.	Part No.	Wire Size	Flex Size	Color	Index Code	Price Each 1-5	6-up
109X842	W8CRT	8 AWG	–	Red	49	$70.18	$66.68
109X840	W5CRT	6 AWG	–	Blue	7	$70.18	$66.68
109X838	W4CRT	4 AWG	–	Gray	8	$70.18	$66.68
109X836	W3CRT	3 AWG	–	White	9	$70.18	$66.68
109X824	W2CRT	2 AWG	–	Brown	10	$70.18	$66.68
109X890	W1CRT1	1 AWG	–	Green	11	$70.18	$66.68
109X814	W25RT	1/0 AWG	–	Pink	12	$70.18	$66.68
109X816	W26RT	2/0 AWG	–	Black	13	$70.18	$66.68
109X818	W27RT	3/0 AWG	–	Orange	14	$70.18	$66.68
109X820	W28RT	4/0 AWG	–	Purple	15	$70.18	$66.68
109X822	W29RT	250 kcmil	–	Yellow	16	$70.18	$66.68
109X826	W30RT	300 kcmil	250 kcmil	White	17	$70.18	$66.68
109X828	W31RT	350 kcmil	300 kcmil	Red	18	$70.18	$66.68
109X830	W32RT	400 kcmil	350 kcmil	Blue	19	$70.18	$66.68
109X832	W33RT	450 kcmil	400 kcmil	Gray	326	$70.18	$66.68
109X834	W34RT	500 kcmil	450 kcmil	Brown	20	$70.18	$66.68
109X037	W36RT	600 kcmil	500 kcmil	Green	22	$70.18	$66.68

BURNDY® W-Dies for Y500 and PAT600 Crimpers

➤ Crimp connectors with the correct corresponding die with color-coded W-dies

W-Dies for Aluminum Connectors

Stock No.	Part No.	Wire Size	Color	Index Code	Price Each 1-5	6-up
109X960	X8CART	8 AWG	Blue	374	$231.40	$219.83
109X942	W161	6 AWG	–	161	$70.18	$66.68
109X944	W162	4 AWG	–	162	$70.18	$66.68
109X950	W239	2 AWG	–	239	$70.18	$66.68
109X946	W163	1 AWG	–	163	$70.18	$66.68
109X952	W241	1/0 AWG	–	241	$70.18	$66.68
109X954	W245	2/0 AWG	–	245	$70.18	$66.68
109X948	W166	3/0 AWG	–	166	$70.18	$66.68
109X958	W660	4/0 AWG	–	660	$70.18	$66.68
109X956	W31ART	350 kcmil	Brown	299	$70.18	$66.68

W-Dies for Copper Connectors (-VT)

Stock No.	Part No.	Wire Size	Flex Size	Color	Index Code	Price Each 1-5	6-up
109X926	W8CVT	8 AWG	–	Red	49	$70.18	$66.68
109X924	W5CVT	6 AWG	–	Blue	7	$70.18	$66.68
109X922	W4CVT	4 AWG	–	Gray	8	$70.18	$66.68
109X912	W2CVT	2 AWG	–	Brown	10	$70.18	$66.68
109X900	W1CVT	1 AWG	–	Green	11	$70.18	$66.68
109X902	W25VT	1/0 AWG	–	Pink	12	$70.18	$66.68
109X904	W26VT	2/0 AWG	–	Black	13	$70.18	$66.68
109X906	W27VT	3/0 AWG	–	Orange	14	$70.18	$66.68
109X908	W28VT	4/0 AWG	–	Purple	15	$70.18	$66.68
109X910	W29VT	250 kcmil	–	Yellow	16	$70.18	$66.68
109X914	W30VT	300 kcmil	250 kcmil	White	17	$70.18	$66.68
109X916	W31VT	350 kcmil	300 kcmil	Red	18	$70.18	$66.68
109X918	W32VT	400 kcmil	350 kcmil	Blue	19	$70.18	$66.68
109X920	W34VT	500 kcmil	450 kcmil	Brown	20	$70.18	$66.68

Color-Coded H-Tap Connector Dies

➤ Dies accommodate a wide range of run/tap copper cable combinations including flexible and code
➤ Tap grooves function independently
➤ Die index is embossed on connector after crimp

BURNDY

U11T1   UC   U654   U1104   PYFR   P1102

Stock No.	Part No.	Wire Size Code	Main (Flex)	Tap 1 (Flex)	Tap 2 (Flex)	Tap 3 (Flex)	Color	Price Each 1-5	6-up
109X110	U11T1*	8-14	8-14 (8-14)	8-14 (8-14)	–	–	Green	$100.77	$95.73
109X060	UBGRT	6-10	6-10 (6-10)	6-14 (6-14)	–	–	Orange	$100.77	$95.73
109X107	UC2	2-12 STR	2-4 STR	4-12 STR	–	–	Pink	$100.77	$95.73
109X100	UC*	2-14	2-6 STR/SOL (2-8)	2-6 STR/SOL (2-8)	8-14 (8-14)	8-14 (8-14)	Brown	$100.77	$95.73
109X650	U654*	250-14	250-2 (4/0-2)	8-14 (8-14)	8-14 (8-14)	–	Purple	$100.77	$95.73
109X653	U251*	250-14	250-2 (4/0-2)	2-6 STR/SOL (2-8)	8-14 (8-14)		Red	$100.77	$95.73
109X700	U1104*	500-14	500-4/0 (350-4/0)	250-1/0 (4/0-1/0)	1-6 STR/SOL (1-8)	8-14 (8-14)	Brown	$100.77	$95.73
109X096	PYFR**	750-14	750-350 (550-500)	250-1/0 (4/0-1/0)	1-6 STR/SOL (1-8)	2-14 (2-14)	Yellow	$579.39	$579.39
109X095	P1102**	1000-750	1000-750 (750-500)	1000-750 (750-500)	–	–	White	$605.60	$575.32

* Requires optional 109X085 PUADP1 Die Adapter to be used with Y46C tool.   ** Can be used with Y46C tool only.

BURNDY® U-Dies for Y35 and Y750 Crimpers

➤ Make reliable electrical connections with stainless steel color-coded U-Dies

U-Dies for Aluminum Connectors

Stock No.	Part No.	Wire Size	Color	Index Code	Price Each 1-5	6-up
109X684	U8CABT	8 AWG	Blue	374	$100.77	$95.73
109X682	U6CABT	6 AWG	Gray	346	$100.77	$95.73
109X680	U4CABT	4 AWG	Green	375	$100.77	$95.73
109X666	U2CABT	2 AWG	Pink	348	$100.77	$95.73
109X652	U1CART	1 AWG	Gold	471	$170.25	$161.73
109X654	U25ART	1/0AWG	Tan	296	$100.77	$95.73
109X656	U26ART	2/0 AWG	Olive	297	$100.77	$95.73
109X658	U27ART	3/0 AWG	Ruby	467	$100.77	$95.73
109X662	U28ART	4/0 AWG	White	298	$100.77	$95.73
109X664	U29ART	250 kcmil	Red	324	$100.77	$95.73
109X668	U30ART	300 kcmil	Blue	470	$100.77	$95.73
109X670	U31ART	350 kcmil	Brown	299	$100.77	$95.73
109X672	U32ART	400 kcmil	Green	472	$100.77	$95.73
109X674	U34ART	500 kcmil	Pink	300	$100.77	$95.73
109X676	U36ART	600 kcmil	Black	473	$100.77	$95.73
109X678	U39ART-2	700/750 kcmil	Yellow	936	$100.77	$95.73

U-Dies for Copper Connectors

Stock No.	Part No.	Wire Size	Color	Index Code	Price Each 1-5	6-up
109X108	U8CRT	8 AWG	Red	49	$100.77	$95.73
109X105	U5CRT	6 AWG	Blue	7	$100.77	$95.73
109X104	U4CRT	4 AWG	Gray	8	$100.77	$95.73
109X103	U3CRT	3 AWG/2 SOL	White	9	$100.77	$95.73
109X102	U2CRT	2 AWG	Brown	10	$100.77	$95.73
109X695	U1CRT1	1 AWG	Green	11	$100.77	$95.73
109X200	U25RT	1/0 AWG	Pink	12	$100.77	$95.73
109X205	U26RT	2/0 AWG	Black	13	$100.77	$95.73
109X207	U27RT	3/0 AWG	Orange	14	$100.77	$95.73
109X210	U28RT	4/0 AWG	Purple	15	$100.77	$95.73
109X211	U29RT	250 kcmil	Yellow	16	$100.77	$95.73
109X212	U30RT	300 kcmil	White	17	$100.77	$95.73
109X213	U31RT	350 kcmil	Red	18	$100.77	$95.73
109X214	U32RT	400 kcmil	Blue	19	$100.77	$95.73
109X216	U34RT	500 kcmil	Brown	20	$100.77	$95.73
109X114	U38XRT	500 kcmil	Pink	L99	$100.77	$95.73
109X218	U36RT	600 kcmil	Green	22	$100.77	$95.73
109X220	U38RT	700 kcmil	Pink	400	$100.77	$95.73
109X230	U39RT	750 kcmil	Black	24	$100.77	$95.73
109X094	P40RT	800 kcmil	Orange	25	$507.95	$482.56
109X116	U44XRT	750/777 kcmil	Yellow	L115	$100.77	$95.73

U-Die Kit for Aluminum Wire

➤ Contains 15 color-coded stainless steel die sets for use on aluminum wire
➤ Compatible with YA, YS, YA-A, YS-A-HYLUG™ & HYLINK™ #6 AWG to 750 kcmil terminals and splices

SPC No.	Part No.	Price
109X708	UDIEKITAL	$1653.17 ea.

U-Die Kit for Copper Wire

➤ Consists of 15 color-coded stainless steel die sets for use on copper wire
➤ Dies are compatible with YA, YS, YA-A, YS-A-HYLUG™ & HYLINK™ #6 AWG to 750 kcmil terminals and splices

SPC No.	Part No.	Price
109X101	UDIEKITCU	$1653.17 ea.

Y750 14-Piece Die Set

➤ Includes 14 different color-coded die sets for the Y750
➤ Crimp #8 AWG to 750 kcmil copper lugs and splices plus copper H-taps up to 500 kcmil

SPC No.	Description	Price
BND100	14-Piece Set	$1328.00 ea.

HYGROUND® Compression Die Kit

➤ Features 8 color-coded steel die sets
➤ Seven sets for HYGROUND irreversible compression grounding connectors
➤ One die set for pre-crimping ½", ⅝" and ¾" ground rods

SPC No.	Part No.	Price
109X711	UDIEKITHYGRD	$1075.53 ea.

HYGROUND Kit Individual Dies

Stock No.	Part No.	Color	Index Code	Price Each 1-5	6-up
109X100	UC	Brown	374	$100.77	$95.73
109X702	UO	–	161	$100.77	$95.73
109X660	U997	Orange	162	$100.77	$95.73
109X091	PU998	–	239	$100.77	$95.73
109X704	U1011	–	163	$100.77	$95.73
109X700	U1104	Brown	241	$100.77	$95.73
109X706	U1105	–	660	$236.40	$224.58
109X666	U2CABT	Pink	348	$100.77	$95.73

BURNDY® HTYAP™ and CRIMPIT™ Compression Connections

➤ The BURNDY method of installing compression connectors on electrical cables delivers a high degree of reliability with low electrical resistance in central office power and grounding applications

➤ Get high-quality connections at a low install cost

➤ HYLUG and CRIMPIT connectors are made of high-conductivity wrought copper and are electro-tin plated to prevent corrosion and oxidation for improved conductivity

➤ BURNDY method connectors are available in a range of sizes and styles to accommodate #14-AWG through 1000-kcmil copper cable

➤ Compress connectors on cable with manual or hydraulic tools

➤ Select standard length or long barrel lugs with one or two bolt holes

➤ Two-hold lugs are ideal for buss bar applications that require two bolts to prevent lug rotation

How to Choose the Proper Lugs

Use the charts on these two pages to help you select the proper BURNDY® lugs, taps and covers for your wire sizes and applications. First, do you need two-hole or one-hole connectors? Two-hole lugs are ideal for bus bar applications that require two bolts to prevent lug rotation while one-hole lugs are intended for standard use. Next, do you need long- or short-barrel lugs? Long-barrel connectors are designed for industrial applications and have a heavy-duty design that permits additional crimping for added mechanical strength. Short-barrel lugs are designed for regular-duty applications and are ideal for use in confined spaces. Finally, match the wire size column up with the short- or long-barrel stock number to order.

H-Taps and C-Taps are designed for permanent pig tailing, two-way splicing or tapping to an unbroken continuous main. They require corresponding hard shell outer covers to guard against impact. An inner seal keeps out dust. They install quickly and easily without special tools. Just determine what wire size is being used for the main and the branch. Then order the corresponding tap and cover stock numbers.

All of these lugs and taps are made for use with copper conductors. Using BURNDY lugs and taps assures high conductivity, low resistance and high pullout values which exceed UL requirements.

Two-Hole Short- and Long-Barrel Lugs

➤ Copper barrel lugs indicate cable size

➤ Color bands relate to color markings on proper die with die code number marked

Wire Size Code	Color	Bolt Size	Center Spacing	Short Barrel Stock No.	Short Barrel Part No.	Price Ea. 1-11	Price Ea. 12-up	Long Barrel Stock No.	Long Barrel Part No.	Price Ea. 1-11	Price Ea. 12-up
#8 AWG	Red	#10	⅝"	109X401	YA8CL2TC10	$4.84	$4.11	–	–	–	–
#8 AWG	Red	¼"	⅝"	109X402	YA8CL2TC14	$4.58	$3.89	–	–	–	–
#8 AWG	Red	⅜"	1"	109X403	YA8CL2TC38	$5.82	$4.95	–	–	–	–
#6 AWG	Blue	¼"	1"	109X394	YA6CL2TC14E1	$5.33	$4.53	109X391	YA6C2TC14E1	$5.75	$4.88
#6 AWG	Blue	¼"	¾"	109X395	YA6CL2TC14E2	$5.33	$4.53	109X392	YA6C2TC14E2	$5.93	$5.04
#6 AWG	Blue	¼"	⅝"	–	–	–	–	109X970	YA6C2TC14	$8.40	$7.14
#6 AWG	Blue	⅜"	1"	109X396	YA6CL2TC38	$5.02	$4.27	109X393	YA6C2TC38	$8.91	$7.57
#4 AWG	Grey	¼"	⅝"	109X383	YA4C2L	$7.95	$6.75	109X384	YA4C2TC14	$8.78	$7.46
#4 AWG	Grey	⅜"	1"	109X387	YA4CL2TC38	$7.85	$6.68	109X386	YA4C2TC38	$9.00	$8.55
#4 AWG	Grey	¼"	¾"	109X389	YA4CL2TC14E2	$7.85	$6.68	109X385	YA4C2TC14E2	$8.38	$7.97
2 AWG	Brown	½"	1¾"	109X353	YA2C2LN	$7.65	$6.51	109X354	YA2C2N	$9.74	$9.25
2 AWG	Brown	¼"	⅝"	109X357	YA2CL2TC14	$7.65	$6.51	109X355	YA2C2TC14	$8.27	$7.03
2 AWG	Brown	⅜"	1"	109X358	YA2CL2TC38	$8.27	$7.03	109X356	YA2C2TC38	$8.27	$7.03
1 AWG	Green	½"	1¾"	109X321	YA1C2LN	$8.66	$8.23	109X322	YA1C2N	$11.00	$10.45
1 AWG	Green	¼"	⅝"	109X324	YA1CL2TC14	$10.08	$9.57	–	–	–	–
1/0 AWG	Pink	⅜"	1"	109X330	YA25L2TC38	$9.51	$9.03	109X329	YA252TC38	$11.35	$10.79
2/0 AWG	Black	½"	1¾"	109X334	YA262LN	$10.72	$10.19	–	–	–	–
2/0 AWG	Black	⅜"	1"	–	–	–	–	109X336	YA262TC38	$11.49	$10.92
3/0 AWG	Orange	½"	1¾"	–	–	–	–	109X341	YA272N	$12.35	$11.74
3/0 AWG	Orange	⅜"	1"	109X343	YA27L2TC38	$13.03	$12.38	109X342	YA272TC38	$12.94	$12.29
4/0 AWG	Purple	⅜"	1"	–	–	–	–	109X346	YA282TC38	$15.08	$14.32
250 kcmil	Yellow	½"	1¾"	–	–	–	–	109X351	YA292N	$14.97	$14.22
350 kcmil	Red	⅜"	1"	–	–	–	–	109X364	YA312TC38	$20.31	$19.29
500 kcmil	Brown	½"	1¾"	–	–	–	–	109X370	YA342N	$30.69	$29.16
500 kcmil	Brown	⅜"	1"	–	–	–	–	109X371	YA342TC38	$33.32	$31.66
750 kcmil	Black	½"	1¾"	–	–	–	–	109X380	YA392N	$53.92	$51.23

BURNDY®

HYLUG™ One-Hole Short-Barrel And Long-Barrel Copper Lugs
➤ Lugs are clearly marked to indicate cable size
➤ Color bands correspond to color markings on proper die with die code number marked

Wire Size Code	Color	Bolt Size	Short Barrel Stock No.	Short Barrel Part No.	Price Ea. 1-11	Price Ea. 12-up	Long Barrel Stock No.	Long Barrel Part No.	Price Ea. 1-11	Price Ea. 12-up
#8 AWG	Red	¼"	109X405	YA8CL1BOX	$3.06	$2.60	–	–	–	–
#8 AWG	Red	#10	109X404	YA8CLBOX	$2.36	$2.01	–	–	–	–
#6 AWG	Blue	¼"	109X397	YA6CLBOX	$2.88	$2.45	109X390	YA6C	$3.42	$2.91
#6 AWG	Blue	#10	109X398	YA6CL1BOX	$2.88	$2.45	109X399	YA6CTC10	$3.52	$2.99
#4 AWG	Grey	¼"	109X388	YA4CLBOX	$3.80	$3.23	109X382	YA4C	$4.16	$3.54
2 AWG	Brown	¼"	109X360	YA2CL2BOX	$6.15	$5.22	109X362	YA2CTC14	$7.11	$6.04
2 AWG	Brown	⁵⁄₁₆"	109X359	YA2CLBOX	$5.75	$4.88	109X352	YA2C	$5.85	$4.98
2 AWG	Brown	⅜"	109X361	YA2CL4BOX	$6.40	$5.44	–	–	–	–
1 AWG	Green	¼"	109X326	YA1CL2	$6.91	$5.87	–	–	–	–
1 AWG	Green	⁵⁄₁₆"	109X325	YA1CLBOX	$7.07	$6.01	109X320	YA1C	$7.04	$5.98
1/0 AWG	Pink	⅜"	109X331	YA25L4BOX	$6.45	$5.49	109X332	YA25TC38	$8.64	$7.34
2/0 AWG	Black	⅜"	109X338	YA26LBOX	$8.75	$7.43	109X333	YA26	$8.57	$8.14
3/0 AWG	Orange	⅜"	109X345	YA27L4BOX	$8.94	$8.49	–	–	–	–
3/0 AWG	Orange	½"	109X344	YA27LBOX	$8.12	$7.72	109X339	YA27	$11.00	$10.45
4/0 AWG	Purple	⅜"	109X348	YA28L4BOX	$8.20	$7.79	109X349	YA28TC38	$11.49	$10.92
350 kcmil	Red	½"	109X365	YA31L	$14.28	$13.56	–	–	–	–
400 kcmil	Blue	½"	109X367	YA32L1	$16.49	$15.67	109X368	YA32N	$21.14	$20.08
500 kcmil	Brown	½"	109X373	YA34L6	$20.14	$19.13	–	–	–	–
750 kcmil	Black	⅝"	109X381	YA39L	$35.83	$34.04	109X378	YA39	$38.77	$36.83

CRIMPIT™ Copper H-Taps and Covers
➤ H-Taps are marked to show cable size
➤ Color bands correspond to color markings on dies
➤ Covers provide hard-shell insulated protection

Main	Tap 1	Wire Size Tap 2	Tap 3	Color	H-Tap Stock No.	H-Tap Part No.	Price Ea. 1-11	Price Ea. 12-up	Cover Stock No.	Cover Part No.	Price Ea. 1-11	Price Ea. 12-up
6-10	6-14	–	–	Orange	109X426	YH6C6C	$13.95	$13.26	109X311	CFBGFR	$11.38	$10.82
2-6 Str/Sol	2-6 Str/Sol	8-14	8-14	Brown	109X419	YH2C2C	$17.31	$16.44	109X314	CFOFR	$16.02	$15.21
250-2	2-6 Str/Sol	8-14	–	Purple	109X417	YH292C	$20.63	$19.60	109X312	CFDFR	$18.31	$17.39
250-2	250-2	–	–	Purple	109X416	YH2929	$21.18	$20.13	109X312	CFDFR	$18.31	$17.39
500-4/0	250/1/0	1-6 Str/Sol	8-14	Brown	109X420	YH3429	$58.18	$55.28	109X313	CFNFR*	$21.69	$20.61
750-500	750-350	–	–	Yellow	109X423	YH3939	$77.25	$73.38	109X315	CFRFR	$34.20	$32.49
1000-750	1000-750	–	–	White	109X425	YH4444	$78.20	$74.29	109X315	CFRFR	$34.20	$32.49

* Use CFNFR for single tap installation; use CFRFR when 2 or more tap conductors are installed.

CRIMPIT™ Copper C-Taps and Covers
➤ C-Taps are marked to show cable size
➤ Color bands correspond to color markings on dies
➤ Covers provide hard-shell insulated protection

Wire Size Main	Tap	Color	C-Tap Stock No.	C-Tap Part No.	Price Ea. 1-11	Price Ea. 12-up	Cover Stock No.	Cover Part No.	Price Ea. 1-11	Price Ea. 12-up
10-8	12-10	Blue	109X934	YC8L12	$3.78	$3.21	–	–	–	–
8-6	12-8	Grey	109X411	YC6L12	$3.72	$3.16	–	–	–	–
6	8-6	Brown	109X410	YC4L12	$4.56	$3.88	–	–	–	–
2	12-6	Pink	109X409	YC2L12	$6.15	$5.22	–	–	–	–
1/0	12	Orange	109X408	YC25L12	$7.89	$7.50	–	–	–	–
250-2	250-2	Orange	109X413	YCHC29TC29	$25.40	$24.13	109X313	CFNFR	$21.69	$20.61
500-4/0	500-4/0	Brown	109X414	YCHC34TC34	$50.82	$48.27	109X312	CFDFR	$18.31	$17.39
750-500	750-350	Blue	109X415	YCHC39TC39	$55.02	$52.26	109X312	CFDFR	$18.31	$17.39

Telecom Cable Tools

Thomas&Betts
ABB INSTALLATION PRODUCTS

Compression Crimper

➤ Ergonomic crimp tool installs #8 - #2 copper and #10 - #6 aluminum connectors
➤ Features Shure Stake® mechanism and color-coded die wheel with 5 nested dies
➤ Crimp-assist stabilizes tool

SPC No.	Part No. and Description	Price
272X304	TBM45S Crimp Tool	$397.85 ea.

Die Nest Color	Copper Lug/Splice	
Red	#8 AWG	
Blue	#6 AWG	
Gray	#4 AWG	
Brown	#2 AWG	
	Copper C-Tap	
	Main	Branch
Green	#3-#4 AWG	#6-#12 AWG

TBM5S, TBM6S and TBM8S Color-Keyed® Crimpers

➤ TBM5S and TBM8S tools sold with dies mounted on handle or in a plastic case
➤ TBM6S dies sold separately
➤ Die kit includes upper and lower dies needed to crimp #8 AWG to 500 kcmil

SPC No.	Part No. and Desc.	Price
272X305	TBM5S 5-Nested Tool	$1254.29 ea.
272X310	TBM6S 6-Nested Tool	$1553.11 ea.
272X308	TBM6D-1 Die Kit	$1672.67 ea.

Thomas&Betts
ABB INSTALLATION PRODUCTS

TBM14M Color-Keyed® Self-Contained Hydraulic Crimping Tool

➤ Features insulated head, rapid-ram advance mechanism, field replaceable bypass cartridge and short fiberglass handles
➤ Use 14-ton crimp tool with standard 15500 series dies
➤ 15-ton dies must be ordered separately in the TNB200 die kit or individually

SPC No.	Part No. and Description	Price
272X100	TBM14M Self-Contained Hydraulic Crimp Tool	$3579.56 ea.

TBM15I has a 2" wide jaw to crimp larger lugs and taps

13110A has an open yoke C-style head for flexibility

Non-Self-Contained Hydraulic Heads

➤ Heads require a 10,000-psi hydraulic pump to operate
➤ TBM15I accepts 15600 series dies and 15500 series dies with 15500-TB adapter and the 13100A accepts 15500 series dies

SPC No.	Part No. and Description	Price
272X103	TBM15I 15-Ton Insulated Head	$4512.63 ea.
272X121	15500-TB Adapter	$658.37 ea.
272X095	13100A 14-Ton Insulated Head	$3759.53 ea.

Use hydraulic pump with T&B hydraulic heads

Electric Hydraulic Pump

➤ Features automatic control valve and pressure gauge
➤ High-volume, low pressure stage for rapid ram advance
➤ Switches to high-pressure, low volume mode at 200 psi

SPC No.	Part No. and Description	Price
272X450	13600 Electric Hydraulic Pump	$6365.01 ea.
272X453	13619 10' Non-Metal Hose	$990.46 ea.
272X457	13618 20' Non-Metal Hose	$1316.81 ea.
272X462	13620 Hand Switch w/10' Cord	$673.97 ea.
272X335	13589A Foot Switch w/10' Cord	$662.31 ea.
272X527	21061 Hydraulic Oil for Pump	1-5, $61.86 ea.; 6-up, $58.77 ea.

TBM-14M and TBM-15I Die Kit

➤ Features 13 different stainless steel die sets
➤ Crimp copper lugs & splices from #8 AWG to 750 kcmil & copper H-taps to 250 kcmil
➤ Need 15500-TB adapter to use with TBM-15I

SPC No.	Description	Price
TNB200	Die Kit	$4625.00 ea.

Individual Components and Adapter Available for Purchase Online

Thomas&Betts
ABB INSTALLATION PRODUCTS

Cable Prep Compounds

➤ Use Kopr-Shield® on copper lugs & splices
➤ Use Contax on both copper and aluminum
➤ Prevents oxidation and reduce inner-strand resistance

SPC No.	Part No. and Description	Price
273X027	CP16 16-oz. Kopr-Shield	1-5, $54.71 ea.; 6-up, $51.97 ea.
273X030	CP8-TB 8-oz. Kopr-Shield	1-11, $37.77 ea.; 12-up, $35.88 ea.
273X033	CTB 4-oz. Contax	1-11, $15.03 ea.; 12-up, $14.28 ea.
273X036	CTB8 8-oz. Contax	1-11, $19.62 ea.; 12-up, $18.63 ea.

Thomas&Betts ABB INSTALLATION PRODUCTS

Stainless Steel Color-Keyed® Dies for Aluminum & Copper Lugs and Splices
➤ Color-coded dies match up with the proper connector
➤ Dies emboss a die index number when crimped for quick and easy inspection of the connection

Connector Size			Color Code	For BPLT14BSCR/TBM14M/TBM14MC/13100A*					For BPLT15BSCR/TBM15I***				
Copper	Flex/24	AL/CU		SPC No.	Part No.	Code	Price, 1-5	Price, 6-up	SPC No.	Part No.	Code	Price, 1-5	Price, 6-up
8 AWG	37/24	10 AWG	Red	272X234	15520SS	21	$294.54 ea.	$279.81 ea.	272X234	15520SS	21	$294.54 ea.	$279.81 ea.
6 AWG	61/24	8 AWG	Blue	272X236	15522SS	24	$294.54 ea.	$279.81 ea.	272X236	15522SS	24	$294.54 ea.	$279.81 ea.
4 AWG	91/24	6 AWG	Gray	272X240	15527SS	29	$294.54 ea.	$279.81 ea.	272X240	15527SS	29	$294.54 ea.	$279.81 ea.
2 AWG	125/24	–	Brown	272X242	15528SS	33	$294.54 ea.	$279.81 ea.	272X242	15528SS	33	$294.54 ea.	$279.81 ea.
1 AWG	140/24	4 AWG	Green	272X226	15513SS	37	$294.54 ea.	$279.81 ea.	272X226	15513SS	37	$294.54 ea.	$279.81 ea.
1/0	225/24	2 AWG	Pink	272X218	15508SS	42	$294.54 ea.	$279.81 ea.	272X218	15508SS	42H	$294.54 ea.	$279.81 ea.
2/0	275/24	–	Black	272X238	15526SS	45	$294.54 ea.	$279.81 ea.	272X238	15526SS	45	$294.54 ea.	$279.81 ea.
3/0	325/24		Orange	272X244	15530SS	50	$294.54 ea.	$279.81 ea.	272X244	15530SS	50	$294.54 ea.	$279.81 ea.
4/0	450/24	–	Purple	272X222	15511SS	54	$294.54 ea.	$279.81 ea.	272X222	15511SS	54H	$294.54 ea.	$279.81 ea.
250 kcmil	550/24	–	Yellow	272X220	15510SS	62	$294.54 ea.	$279.81 ea.	272X220	15510SS	62	$294.54 ea.	$279.81 ea.
–	–	1 AWG	Gold	272X238	15526SS	45	$294.54 ea.	$279.81 ea.	272X238	15526SS	45	$294.54 ea.	$279.81 ea.
–	–	1/0	Tan	272X244	15530SS	50	$294.54 ea.	$279.81 ea.	272X244	15530SS	50	$294.54 ea.	$279.81 ea.
–	–	2/0	Olive	272X222	15511SS	54	$294.54 ea.	$279.81 ea.	272X222	15511SS	54	$294.54 ea.	$279.81 ea.
–	–	3/0	Ruby	272X246	15532SS	60	$294.54 ea.	$279.81 ea.	272X246	15532SS	60	$294.54 ea.	$279.81 ea.
300 kcmil	–	4/0	White	272X248	15534SS	66	$294.54 ea.	$279.81 ea.	272X248	15534SS	66	$294.54 ea.	$279.81 ea.
350 kcmil	775/24 (short)	250 kcmil	Red	272X228	15514SS	71	$294.54 ea.	$279.81 ea.	272X228	15514SS	71	$294.54 ea.	$279.81 ea.
400 kcmil	775/24 (long)	300 kcmil	Blue	272X224	15512SS	76	$294.54 ea.	$279.81 ea.	272X224	15512SS	76	$294.54 ea.	$279.81 ea.
–	925/24*	–		272X232	15517SS	80H	$294.54 ea.	$279.81 ea.	272X232	15517SS	80H	$294.54 ea.	$279.81 ea.
500 kcmil	–	350 kcmil	Brown	272X216	15506SS	87H	$294.54 ea.	$279.81 ea.	272X216	15506SS	87H	$294.54 ea.	$279.81 ea.
600 kcmil	1100/24	400 kcmil	Green	272X249	15536SS	94H	$294.54 ea.	$279.81 ea.	272X249	15536SS	94H	$294.54 ea.	$279.81 ea.
700 kcmil	1325/24**	500 kcmil	Pink	272X214	15505SS	99H	$294.54 ea.	$279.81 ea.	272X214	15505SS	99H	$294.54 ea.	$279.81 ea.
750 kcmil	–	650 kcmil	Black	272X230	15515SS	106H	$294.54 ea.	$279.81 ea.	272X230	15515SS	106H	$294.54 ea.	$279.81 ea.
900 kcmil	1925/24	750 kcmil	Yellow	272X212	15504SS	115H	$294.54 ea.	$279.81 ea.	272X212	15504SS	115H	$294.54 ea.	$279.81 ea.
800 kcmil	–	–	Orange	–	–	–	–	–	272X508	15608†	107H	$700.77 ea.	$700.77 ea.
–	–	700 kcmil	Purple	–	–	–	–	–	272X509	15609†	112H	$700.77 ea.	$700.77 ea.
1000 kcmil	–	800 kcmil	–	–	–	–	–	–	272X203	15603†	125H	$700.77 ea.	$700.77 ea.
–	–	1000 kcmil	–	–	–	–	–	–	272X202	15602†	140H	$700.77 ea.	$700.77 ea.
–	–	1000 kcmil	–	–	–	–	–	–	272X490	15601†	150H	$605.36 ea.	$605.36 ea.

*Standard barrel only; long barrel requires Brown 87H. **Standard barrel only; long barrel requires Black 106H.
***15500 Series dies require 15500-TB adapter. 15500F for full size die to fit TBM15I without adapter. †15600 Series dies are not stainless steel.

Color-Keyed® Dies for Copper H-Taps
➤ Use dies with the TBM14M and TBM15I to crimp copper H-taps
➤ Match die color and index number to the corresponding H-tap

	Conductor Size Code (Flex)			Color Code	SPC No.	Part No.	Code	Price Each
Main	Branch 1	Branch 2	Branch 2					
8-14 8-14	(8-14) (8-14)	–	–	Green	272X155	15CA37RCH	37R	$796.96
2-6 STR/SOL (2-8)	2-6 STR/SOL (2-8)	8-14 (8-14)	8-14 (8-14)	Brown	272X150	15CA71RCH	71R	$796.96
250-2 (4/0-2)	250-14 (4/0-14)	8-14 (8-14)	–	Purple	272X200	15CA80RCH	80R	$796.96
500-4/0 (350-4/0)	500-1/0 (350-1/0))	1 STR 2-6 (1-8)	8-14 (8-14)	Brown	272X250	15612CH	N	$605.36
750-350 (550-500)	750-1/0 (550-1/0)	1 STR 2-6 (1-8)	2-14 (2-14)	Yellow	272X520	15620CH	Z	$605.36

Color-Keyed® Dies for TBM8/8S and TBM5/5S Crimpers

Connector Size			Color Code	For TBM-8/8S				For TBM-5/5S			
Copper	Flex/24	AL/CU		SPC No.	Part No.	Price, 1-5	Price, 6-up	SPC No.	Part No.	Price, 1-5	Price, 6-up
8 AWG	37/24	10 AWG	Red	272X061	13461	$126.08 ea.	$119.77 ea.	272X480	13454	$125.55 ea.	$119.28 ea.
6 AWG	61/24	8 AWG	Blue								
4 AWG	91/24	6 AWG	Gray								
2 AWG	125/24	–	Brown								
1 AWG	150/24	4 AWG	Green	272X062	13462	$116.51 ea.	$110.68 ea.	272X469	13455	$116.51 ea.	$110.68 ea.
1/0	225/24	2 AWG	Pink								
2/0	275/24	–	Black								
3/0	325/24	–	Orange								
4/0	450/24	–	Purple	272X063	13463	$116.51 ea.	$110.68 ea.	272X482	13456	$125.55 ea.	$119.28 ea.
250 kcmil	550/24	–	Yellow								
–	–	1 AWG	Gold	272X064	–	51.05 ea.	51.05 ea.	272X486	13457	$129.26 ea.	$122.80 ea.
–	–	1/0	Tan								
–	–	2/0	Olive								
–	–	3/0	Ruby								
300 kcmil	–	4/0	White	272X065	13465	$116.51 ea.	$110.68 ea.	–	–	–	–
350 kcmil	775/24 (short)	250 kcmil	Red	272X066	13466	$129.26 ea.	$122.80 ea.	272X488	13458	$129.26 ea.	$122.80 ea.
400 kcmil	775/24 (long)	300 kcmil	Blue	272X067	13467	$126.08 ea.	$119.77 ea.	–	–	–	–
500 kcmil	–	350 kcmil	Brown	272X068	13468	$125.55 ea.	$119.28 ea.	–	–	–	–

Thomas&Betts
ABB INSTALLATION PRODUCTS

Color-Keyed® Connection by Compression

➤ T&B method of installing compression connectors on electrical cables delivers a high degree of reliability with low electrical resistance in central office power and grounding applications

➤ C.O. Installation and maintenance personnel make high-quality installations with little effort and considerable time savings

➤ COLOR-KEYED connectors are made of high-conductivity wrought copper and are electro-tin plated to prevent corrosion and oxidation for improved conductivity

➤ T&B method connectors come in a range of sizes and styles to accommodate #14-AWG through 900-kcmil copper cable

➤ Compress connectors on cable with manual or hydraulic tools

➤ Lugs are available in standard length or with long barrel with one or two bolt holes

➤ Two-hold lugs are ideal for buss bar applications that require two bolts to prevent lug rotation

How to Choose the Proper Lugs

Use the charts on these two pages to help you select the proper T&B lugs, taps and covers for your wire sizes and applications. First, do you need two-hole or one-hole connectors? Two-hole lugs are ideal for bus bar applications that require two bolts to prevent lug rotation while one-hole lugs are intended for standard use. Next, do you need long- or short-barrel lugs? Long-barrel connectors are designed for industrial applications and have a heavy-duty design that permits additional crimping for added mechanical strength. Short-barrel lugs are designed for regular-duty applications and are ideal for use in confined spaces. Finally, match the wire size column up with the short- or long-barrel stock number to order.

H-Taps and C-Taps are designed for permanent pig tailing, two-way splicing or tapping to an unbroken continuous main. They require corresponding hard shell outer covers to guard against impact. An inner seal keeps out dust. They install quickly and easily without special tools. Just determine what wire size is being used for the main and the branch. Then order the corresponding tap and cover stock numbers.

All of these lugs and taps are made for use with copper conductors. Using Thomas & Betts lugs and taps assures high conductivity, low resistance and high pullout values which exceed UL requirements.

Two-Hole Short- and Long-Barrel Lugs

➤ Copper barrel lugs are marked to show the cable size

➤ Color bands correspond to color markings on proper dies

➤ Die code number is marked for easy inspection

Wire Size Code (Flex)	Color	Bolt Size	Center Spacing	Short Barrel Stock No.	Short Barrel Part No.	Price Ea. 1-11	Price Ea. 12-up	Long Barrel Stock No.	Long Barrel Part No.	Price Ea. 1-11	Price Ea. 12-up
#14-#10 AWG	Yellow	#10	⅝ - ¾"	**273X305**	256-31426-3	$8.15	$6.89	–	–	–	–
#14-#10 AWG	–	¼"	⅝"	–	–	–	–	**273X260**	256-30695-1298	$8.57	$8.14
# 8 AWG	Red	#10	⅝"	**273X536**	54204	$3.16	$2.63	–	–	–	–
#8 AWG	Red	¼"	⅝"	–	–	–	–	**273X578**	54850BE	$3.98	$3.32
#8 AWG	Red	⅜"	1"	–	–	–	–	**273X220**	256-30695-1157	$3.98	$3.32
#6 AWG	Blue	¼"	⅝"	**273X538**	54205	$4.64	$3.92	**273X200**	54852BEPH	$6.75	$5.71
#6 AWG	Blue	¼"	¾"	**273X210**	256-30695-1095	$4.64	$3.92	**273X245**	256-30695-1225	$6.75	$5.71
#6 AWG	Blue	¼"	1"	**273X270**	256-30695-252	$4.60	$3.83	–	–	–	–
#6 AWG	Blue	⅜"	1"	**273X275**	256-30695-253	$4.87	$4.12	**273X225**	256-30695-1158	$6.75	$5.71
#4 AWG	Grey	¼"	⅝"	**273X540**	54206	$5.09	$4.31	**273X582**	54854BE	$6.91	$5.85
#4 AWG	Grey	¼"	¾"	–	–	–	–	**273X255**	256-30695-1246	$6.89	$5.83
#4 AWG	Grey	¼"	1"	–	–	–	–	**273X205**	256-30695-1015	$6.91	$5.85
#4 AWG	Grey	⅜"	1"	–	–	–	–	**273X230**	256-30695-1159	$7.25	$6.14
#2 AWG	Brown	¼"	⅝"	**273X542**	54207	$6.29	$5.32	–	–	–	–
#2 AWG	Brown	⅜"	1"	**273X280**	256-30695-257	$6.29	$5.32	**273X235**	256-30695-1160	$7.25	$6.14
#1 AWG (#2 AWG)	Green	¼"	⅝"	**273X544**	54208	$5.38	$4.55	–	–	–	–
2/0 AWG (1/0 AWG)	Black	⅜"	1"	**273X548**	54210	$19.00	$18.05	–	–	–	–
3/0 AWG (2/0 AWG)	Orange	⅜"	1"	**273X550**	54211	$7.78	$6.58	–	–	–	–
4/0 AWG	Purple	½"	1¾"	**273X608**	54270	$19.63	$18.65	–	–	–	–
250 kcmil (4/0 AWG)	Yellow	⅜"	1"	**273X285**	256-30695-399	$79.62	$75.63	**273X250**	256-30695-1245	$31.83	$30.24
350 kcmil	Red	⅜"	1"	**273X554**	54215	$32.08	$30.47	–	–	–	–
400 kcmil	Blue	½"	1¾"	–	–	–	–	**273X612**	54874BE	$43.69	$41.51
	Brown										
600 kcmil	Green	½"	1¾"	–	–	–	–	**273X614**	54878BE	$29.89	$28.40

One-Hole Short- and Long-Barrel Copper Lugs

➤ Feature die code numbers and cable size indications
➤ Color bands correspond to color markings on proper dies

Thomas&Betts
ABB INSTALLATION PRODUCTS

Wire Size Code (Flex)	Color	Bolt Size	Short Barrel Stock No.	Short Barrel Part No.	Price Ea. 1-11	Price Ea. 12-up	Long Barrel Stock No.	Long Barrel Part No.	Price Ea. 1-11	Price Ea. 12-up
#14-#10 AWG	–	¼"	273X265	256-30695-1352	$8.38	$7.97	–	–	–	–
#8 AWG	Red	#10	273X500	54104	$1.68	$1.40	–	–	–	–
#8 AWG	Red	¼"	273X530	54130	$1.76	$1.47	273X598	54930BE	$1.58	$1.32
#6 AWG	Blue	#10	273X532	54134	$1.86	$1.55	–	–	–	–
#6 AWG	Blue	¼"	273X502	54105	$1.92	$1.60	273X590	54905BE	$2.44	$2.03
#4 AWG	Grey	¼"	273X504	54106	$2.42	$2.02	273X592	54906BE	$6.55	$5.54
#2 AWG	Brown	¼"	273X512	54107	$3.16	$2.63	–	–	–	–
#2 AWG	Brown	⅜"	273X534	54143-TB	$3.16	$2.63	–	–	–	–
#2 AWG	Brown	5⁄16"	273X600	54942BE	$4.92	$4.10	–	–	–	–
#1 AWG (#2 AWG)	Green	¼"	273X514	54108	$4.60	$3.89	–	–	–	–
1/0 AWG	Pink	⅜"	273X516	54109	$4.71	$3.98	–	–	–	–
2/0 AWG (1/0 AWG)	Black	⅜"	273X518	54110	$5.42	$4.58	273X594	54910BE	$7.96	$6.74
4/0 AWG	Purple	⅜"	273X522	54112	$7.20	$6.09	–	–	–	–
(4/0 FLEX)	Yellow	⅜"	273X602	58163	$20.51	$19.48	–	–	–	–
350 kcmil	Red	½"	273X524	54115	$26.77	$25.43	–	–	–	–
(400 kcmil)	–	½"	273X604	58177	$36.63	$34.80	–	–	–	–
500 kcmil	Brown	½"	273X526	54118	$36.63	$34.80	–	–	–	–
535 kcmil	Pink	⅝"	273X606	58182	$28.91	$27.46	–	–	–	–
750 kcmil	Black	⅝"	273X528	54123-TB	$59.35	$56.39	–	–	–	–

All T&B Compression Connectors (lugs) come in both One & Two Hole, Standard Barrel, Long Barrel and Belled End Barrels. Please contact SPC for other sizes not listed.

Copper H-Taps and Covers

➤ Feature die code numbers and color bands that correspond to color markings on proper dies
➤ Covers provide hard-shell insulated protection

Wire Size Code (Flex)				Color	H-Tap Stock No.	H-Tap Part No.	Price Ea. 1-5	Price Ea. 6-up	Cover Stock No.	Cover Part No.	Price Ea. 1-11	Price Ea. 12-up
Main	Branch 1	Branch 2	Branch 3									
8-14 (8-14)	8-14 (8-14)	–	–	Green	273X024	CHT814-10	$49.38	$46.92	–	–	–	–
2-6 Str/Sol (2-8)	2-6 Str/Sol (2-8)	8-14 (8-14)	8-14 (8-14)	Brown	273X000	CHT214-9	$13.29	$12.63	273X069	HTC40	$21.80	$20.71
250-2 (4/0-2)	2-6 Str/Sol (2-8)	8-14 (8-14)	–	Purple	273X003	–	–	–	273X069	HTC40	$21.80	$20.71
250-2 (4/0-2)	250-2 (4/0-2)	–	–	Purple	273X006	CHT2502-6	$35.43	$33.66	273X069	HTC40	$21.80	$20.71
500-4/0 (350-4/0)	250-1/0 (4/0-1/0)	1 STR 2-6 (1-8)	8-14 (8-14)	Brown	273X012	CHT50010-5	$205.80	$195.51	–	–	–	–
750-350 (550-500)	4/0-1/0 (250-1/0)	1 STR 2-6 (1-8)	2-14 (2-14)	Yellow	273X018	CHT75010-3	$175.18	$166.43	–	–	–	–

Copper C-Taps and Covers

➤ C-Taps are marked to show cable size and die code number
➤ Color bands correspond to color markings on proper dies
➤ Covers provide hard-shell insulated protection

Wire Size Code		Color	C-Tap Stock No.	C-Tap Part No.	Price Ea. 1-11	Price Ea. 12-up	Cover Stock No.	Cover Part No.	Price Ea. 1-11	Price Ea. 12-up
Main	Branch 1									
6 SOL/STR	12 SOL/STR-6 SOL/STR	Gray	273X562	54715	$3.96	$3.30	–	–	–	–
4 STR	12 SOL/STR-4 STR	Brown	273X564	54720	$4.62	$3.85	273X069	HTC40	$21.80	$20.71
5-3	6-12	Green	272X597	54725	$8.55	$8.13	–	–	–	–
2 STR	12 SOL/STR-2 STR	Pink	273X566	54730	$6.20	$5.25	273X069	HTC40	$21.80	$20.71
1/0 STR	12 SOL/STR-1/0 STR	Orange	273X568	54740	$8.85	$7.49	–	–	–	–
4/0-1	2/0-8	Blue	273X570	54755	$33.42	$31.74	273X069	HTC40	$21.80	$20.71
250 kcmil-4/0	4/0-8	Brown	273X572	54760	$45.78	$43.50	–	–	–	–
300 kcmil-2/0	250 kcmil-8	Black	273X574	54770	$45.55	$43.28	–	–	–	–
500 kcmil-250 kcmil	350 kcmil-6	Yellow	273X576	54775	$32.95	$31.31	–	–	–	–

Insulated Tools *(side tab)*

Insulated Hand Tools – Where and When

"OSHA- Electrical, Safeguards for personal protection **1910.335(a)(2)(i)** When working near exposed energized conductors or circuit parts, each employee shall use insulated tools or handling equipment if the tools or handling equipment might make contact with such conductors or parts ..."

"**2018 Edition NFPA 70E® STANDARD for Electrical Safety in the Workplace® 130.7(D)(1) Insulated Tools and Equipment.** Employees shall use insulated tools or handling equipment, or both, when working inside the restricted approach boundary of exposed energized electrical conductors or circuit parts where tools or handling equipment might make unintentional contact ..."

Individual Insulated Standard Sockets

Cemenfex — The Safety Tool Specialists

Stock Number	Part Number	Description	Price
278X891	IS14-14	$\frac{7}{16}$" Insulated Std. Socket, $\frac{1}{4}$" Drive	$25.65 ea.
278X893	IS14-16	$\frac{1}{2}$" Insulated Std. Socket, $\frac{1}{4}$" Drive	$25.65 ea.
278X401	IS38-12	$\frac{3}{8}$" Insulated Std. Socket, $\frac{3}{8}$" Drive	$29.25 ea.
278X406	IS38-14	$\frac{7}{16}$" Insulated Std. Socket, $\frac{3}{8}$" Drive	$29.25 ea.
278X430	IS38-16	$\frac{1}{2}$" Insulated Std. Socket, $\frac{3}{8}$" Drive	$29.25 ea.
278X411	IS38-18	$\frac{9}{16}$" Insulated Std. Socket, $\frac{3}{8}$" Drive	$29.25 ea.
278X455	IS38-22	$\frac{11}{16}$" Insulated Std. Socket, $\frac{3}{8}$" Drive	$29.25 ea.
278X460	IS38-24	$\frac{3}{4}$" Insulated Std. Socket, $\frac{3}{8}$" Drive	$30.15 ea.

1000V LED Insulated Flashlight

Cemenfex — The Safety Tool Specialists

➤ MINI MAGLITE® flashlight offers 140 lumens

SPC No.	Part No. and Description	Price
278X983	FLED-7I LED Flashlight	$109.80 ea.

1000V Inspection Mirrors

SPC No.	Part No. and Description	Price
278X319	IMR-225i Rectangle Mirror, 2¼"	$65.25 ea.
278X323	IM-325i Round Mirror, 3¼"	$71.10 ea.
278X330	IM-225i-F Flex Round, 2¼"	$84.60 ea.

Cemenfex — The Safety Tool Specialists

Insulated Fuse Puller

➤ Use pullers to replace cartridge-type fuses
➤ PFP-0 fits fuses from $\frac{9}{32}$" to $\frac{1}{2}$"
➤ PFP-1 fits fuses from $\frac{1}{2}$" to 1"

SPC No.	Part No. and Description	Price
278X527	PFP-0 Fuse Puller, 5"	$21.60 ea.
278X528	PFP-1, Fuse Puller, 7½"	$36.00 ea.

Insulated ⅜" Drive Socket Sets

Cemenfex — The Safety Tool Specialists

➤ Sets come with 8 sockets sizes ⅜" to $\frac{13}{16}$"
➤ Include ratchet plus 3" & 6" extension bars

SPC No.	Part No. and Description	Price
278X420	ISS38-11L SAE Deep Wall Set	$598.95 ea.
278X421	ISS38-11 SAE Socket Set	$517.05 ea.

Insulated ⅜" Drive Socket Sets

➤ Metric socket sets have sizes 10 to 19 mm
➤ SAE socket set includes sizes ⅜" to 1"

SPC No.	Part No. and Description	Price
278X418	ISS38-10M Metric Socket Set	$313.20 ea.
278X428	ISS38-10ML Metric Deep Set	$440.10 ea.
278X438	ISS38-11L-SO SAE Deep Set	$498.60 ea.

Insulated ⅜" Drive Low-Profile Ratchet Wrench

Cemenfex — The Safety Tool Specialists

➤ Use reversible wrench in tight spots
➤ Wobble-fix extensions flex around objects

SPC No.	Part No. and Description	Price
278X366	IR38-LCLP ⅜" Drive Ratchet	$148.50 ea.
278X037	IB38-3WF Extension Bar, 3"	$61.65 ea.
278X038	IB38-6WF Extension Bar, 6"	$66.15 ea.
278X980	38F14M Adapter, ⅜" F to ¼" M	$38.70 ea.

Insulated Torque Wrenches

Cemenfex — The Safety Tool Specialists

1000 VOLT

➤ Tools feature an audible click and feel impulse
➤ Major and fine calibration adjustments for precise torque

SPC No.	Part Number	Drive	Torque	Price
278X448	1050TW14I	¼"	10-50 in/lbs	$837.45 ea.
278X135	30150TW14I	¼"	30-150 in/lbs	$557.55 ea.
278X307	30150TW14I-CW*	¼"	30-150 in/lbs	$594.90 ea.
278X950	30150TW38I	⅜"	30-150 in/lbs	$557.55 ea.
278X304	30150TW38I-CW*	⅜"	30-150 in/lbs	$576.45 ea.
278X306	30150TW38I-LP**	⅜"	30-150 in/lbs	$576.45 ea.
278X773	40200TW38I	⅜"	40-200 in/lbs	$557.55 ea.
278X138	40200TW38I-CW*	⅜"	40-200 in/lbs	$616.95 ea.
278X730	50250TW38I	⅜"	50-250 in/lbs	$608.85 ea.
278X979	575TW38F-CW*	⅜"	5-75 ft/lbs	$769.95 ea.
278X131	1575TW12F	½"	15-75 ft/lbs	$760.95 ea.

*Clockwise use only   **Low-profile design

QUICK-WEDGE®

1000V Slotted Screw-Holding Screwdrivers

➤ Heavy-duty sleeves provide stability for one-handed use
➤ Tools protect electricians up to 1000 volts

SPC No.	Part No.	Desc.	Price
056X390	M1806 $\frac{3}{16}$" x 5½" Blade, 9¼" in Length		1-11, $33.12 ea.; 12-up, $31.46 ea.
056X452	M2306 ¼" x 5½" Blade, 10" in Length		1-11, $37.52 ea.; 12-up, $35.64 ea.

¼" Drive Insulated Ratchet and Extension Bars

➤ 1000 volt rated and 10,000 volt tested
➤ ¼" drive extension bars are 2" and 4" long

SPC No.	Part No. and Description	Price
176X025	12851 ¼" Drive Ratchet, 5½"	$123.06 ea.
176X332	12854 ¼" Drive Extension, 2"	$32.30 ea.
176X334	12855 ¼" Drive Extension, 4"	$35.52 ea.

¼" Drive Insulated Metric Sockets

➤ Red over yellow 1000 volt rated double insulation for safety in energized applications

SPC No.	Part No. and Description	Price
176X354	31326 ¼" Drive 5 mm Socket	$16.92 ea.
176X356	31327 ¼" Drive 6 mm Socket	$16.92 ea.
176X358	31329 ¼" Drive 8 mm Socket	$17.07 ea.
176X953	31331 ¼" Drive 10 mm Socket	$17.07 ea.
176X362	31333 ¼" Drive 12 mm Socket	$17.96 ea.
176X364	31334 ¼" Drive 13 mm Socket	$17.96 ea.

Insulated Metric Hex L-Key Set

➤ Seven-piece set includes 2.5-, 3-, 4-, 5-, 6-, 8-, and 12-mm hex keys
➤ High-viz coatings protect against arc flash

SPC No.	Part No. and Description	Price
176X032	13691 Hex L-Key Set	$143.87 ea.

SlimLine Blade Belt Set

➤ Blade shafts are narrower to access hard to reach deep set fasteners
➤ 12-piece set includes slotted, Phillips, Square, Torx and hex insulated blades

SPC No.	Part No. and Description	Price
176X346	28348 SlimLine Blade Set	$69.58 ea.

Insulated Metric Open End Wrenches

➤ Eight-piece set includes 6-, 7-, 8-, 10-, 13, 14-, 17- and 19-mm open end wrenches

SPC No.	Part No. and Description	Price
176X344	20093 8-Piece Set	$226.91 ea.
176X016	20008 OE Wrench, 8 mm	$24.72 ea.
176X338	20010 OE Wrench, 10 mm	$25.76 ea.
176X340	20012 OE Wrench, 12 mm	$26.38 ea.
176X342	20013 OE Wrench, 13 mm	$28.74 ea.

TorqueControl/SlimLine Insulated Blade Set

➤ 20-piece set includes 14 blades, three handles, blade holder and adjustment tool

SPC No.	Part No. and Description	Price
176X352	28781 SlimLine Blade Set	$292.83 ea.

TorqueVario-S Handle

➤ Insulated handle with torque setting view port is adjustable from 18 to 62 in/lbs
➤ Ergonomic 1000V-rated cushion-grip handle

SPC No.	Part No. and Description	Price
176X350	28752 TorqueVario-S Handle	$231.89 ea.

Torque Socket Adapter

➤ Insulated socket adapter is 1000 volt rated and 10,000 volt tested for protection against arc flash and electrical shock

SPC No.	Part No. and Description	Price
176X348	28700 Torque Socket Adapter	$47.83 ea.

Insulated Electrician's Cable Stripping Knife

➤ Features slip guard handle, blade sheath and molded on insulation
➤ Insulated 8.5" knife has a 2" blade

SPC No.	Part No. and Description	Price
176X034	15000 Cable Stripping Knife	$21.29 ea.

Insulated Tools

Eight-Piece SAE Safety Nutdriver Set

➤ Nut drivers have 3" blades and come in a roll-up pouch
➤ Set includes sizes ³⁄₁₆", ¼", ⁵⁄₁₆", ¹¹⁄₃₂",³⁄₈" ⁷⁄₁₆", ½" and ⁹⁄₁₆"
➤ Double-insulated tools have a working range of -40°F to +175°F

SPC No.	Part No. and Description	Price
278X865	TR-8ND Eight-Piece Nut Driver Set	$282.60 ea.

Insulated Screwdriver Sets

SPC No.	Part No. and Description	Price
278X952	TR-6SD 6-Pc. Set (2 Phillips, 3 Cabinet, 1 Mechanics)	$214.65 ea.
278X866	TR-8SD 8-Pc. Set (2 Phillips, 3 Cabinet, 3 Mechanics)	$280.35 ea.
278X956	TR-10SD 10-Pc. Set (3 Phillips, 4 Cabinet, 3 Mechanics)	$349.65 ea.

Cable Cutter with Ring

➤ Safety ring that slides down the cable attached to the blade
➤ Assures correct cable is cut

SPC No.	Part No.	Price
278X644	P9CC-LR, 9"	$122.40 ea.

500 MCM Ratchet Cutter

➤ Cut 100-pair telephone, 4/0 Al & 2/0 Cu cable to 500 MCM

SPC No.	Part No.	Price
278X520	RCC500, 10"	$430.20 ea.

New England Pliers with Crimper

➤ Feature knurled jaws with cross hatching for grip
➤ 9" pliers are heat-treated

SPC No.	Part No.	Price
278X935	P9SCNE-CRFT	$88.10 ea.

7" Magnetic-Tip Screwdriver

➤ Five bits in the handle: #1, #2 & #3 Phillips, and ³⁄₁₆" & ¼" slot

SPC No.	Part No.	Price
278X916	MTS-7, 7"	$57.60 ea.

Insulated Adjustable Wrenches

➤ Wide capacity jaws
➤ Safety tools not fully insulated

SPC No.	Part No.	Price
278X006	AW6, 6" Insulated Wrench	$57.60 ea.
278X007	AW8, 8" Insulated Wrench	$61.65 ea.

Insulated Open-End Wrench Sets

➤ Choose an 8-piece metric or SAE set or an 11-piece SAE set in a roll-up pouch

SPC No.	Part No. and Description	Price
278X064	IOEWS-8, ³⁄₈" - ¹³⁄₁₆" SAE	$437.85 ea.
278X066	IOEWS-8M, 10-19 mm Metric	$420.75 ea.
278X062	IOEWS-11, ³⁄₈" - 1" SAE	$691.20 ea.

Insulated Box-End Torque Wrench

➤ 10 mm ratcheting box end head
➤ 30 to 150 inch-pound torque range
➤ Major and fine calibration adjustments

SPC No.	Part No.	Price
278X485	30150TW10MI	$882.90 ea.

Eight-Piece Insulated Ratcheting Box Wrench Set

➤ Ratcheting geared box end wrenches range from ³⁄₈" to ¹³⁄₁₆" in size
➤ Ratchet engages with as little as 5° of arc

Cementex open and box end wrenches have a continuous outer layer of insulation.
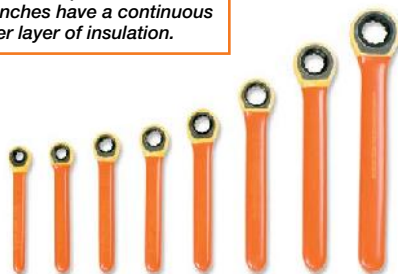
SPC No.	Part No. and Description	Price
278X835	IGRBWS-8 Insulated Ratcheting Box Wrench Set, 8-Piece	$525.15 ea.

Eight-Piece Insulated Box End Wrench Set

➤ Box end wrenches range from ³⁄₈" to ¹³⁄₁₆" in size
➤ Wrenches come organized in a black roll-up tool pouch

SPC No.	Part No. and Description	Price
278X395	IBEWS-8 Insulated Box End Wrench Set, 8-Pc. w/Pouch	$437.85 ea.

SPC935 Insulated Barehead Nut Driver Kit

➤ Includes six bare head nut drivers from ¼" to ½"
➤ Each nut driver has a 3" shaft and cushion grip handle with a tip size marking on the end
➤ Come in a rugged roll tool pouch (unfolded 16" x 15", folded 16" x 6"), with divided pockets, adjustable strap and plastic clasp

SPC No.	Description	Price
SPC935	Barehead Nut Driver Kit	1-5, $154.00 ea.; 6-up, $147.00 ea.

Insulated SoftFinish® Screwdrivers and Sets

32081 Tray Set

➤ 1000 volt AC rated tools have SoftFinish cushion grip handles molded to the blades

➤ Five and ten piece sets also come secured and organized in modular storage trays

SPC No.	Part No.	Description	Price
176X835	32084	SD Set, 5-Piece	$35.64 ea.
175X206	32015	3.5-mm Slot SD	$5.67 ea.
175X225	32023	4.5-mm Slot SD	$6.81 ea.
175X227	32039	6.5-mm Slot SD	$9.54 ea.
175X217	32101	#1 Phillips SD	$6.72 ea.
175X216	32102	#2 Phillips SD	$8.34 ea.
176X370	32081	Tray Set, 5-Piece	$44.21 ea.
176X368	32080	Tray Set, 10-Piece	$91.24 ea.

Insulated SoftFinish® Torx Screwdrivers

➤ Driver tip profile is labeled on the cap for easy identification

➤ 1000 volt AC rated tools have SoftFinish cushion grip handles molded to the blades

SPC No.	Part No.	Description	Price
176X862	92069	T20 Torx SD	$8.59 ea.
176X864	92070	T25 Torx SD	$8.59 ea.
176X866	92072	T30 Torx SD	$8.59 ea.

Insulated Torx Set

➤ Set includes T8, T9, T10, T15, T20 and T25

SPC No.	Part No.	Description	Price
176X380	32590	Torx SD Set, 6-Pc.	$40.07 ea.

Master Electrician's Tool Set

➤ Set includes common 1000-volt rated insulated tools organized in a canvas tool bag

➤ Tool steel is hardened and tempered for strength and long-term cutting

NE Lineman's Pliers	Torpedo Level
Long Nose Pliers	8 Slot Screwdrivers
Diagonal Cutters	5 Phillips Screwdrivers
Cable Cutters	2 Square Screwdrivers
2 Water Pump Pliers	2 Terminal Xeno Screwdrivers
Wire Stripping Pliers	6 Nut Drivers
Voltage Detector, 50-1000V	22 SAE/Metric Hex L-Keys
Tape Measure, 25'	3 Nut Setters
Claw Hammer	Canvas Tool Bag

SPC No.	Part No.	Description	Price
176X382	32937	Tool Set, 59-Pc.	$695.30 ea.

SAE Ball End Hex Set

➤ Set includes five 0.05" to 7/64" standard and eight ⅛" to ⅜" MagicRing ball end L-keys

SPC No.	Part No.	Desc.	Price
175X120	66991	Set	$48.61 ea.

BitBuddy® Bit Set

➤ TerminatorBlue BitBuddy® set includes seven ¼" hex drive 2" power impact bits

SPC No.	Part No.	Desc.	Price
176X385	70298	Set	$12.99 ea.

Master Tech Bit Set

➤ 65-piece set includes a ¼" ratchet, ESD-safe handle, extension, adapter and 60 bits

SPC No.	Part No.	Desc.	Price
176X962	75965	Set	$103.42 ea.

External Ring Pliers

➤ Use 5½" needle nose pliers with hardened tips to fit and remove external retaining rings

SPC No.	Part No.	Desc.	Price
176X381	32690	Pliers	$21.94 ea.

Water Pump Pliers

➤ 10" slide lock pliers have ten adjustable jaw positions to 2"

➤ Rated to 1000V AC/1500V DC

SPC No.	Part No.	Desc.	Price
176X259	32954	Pliers	$33.04 ea.

Pliers Tray Set

➤ Set includes five narrow head adjustable water pump pliers

➤ Storage tray secures pliers

SPC No.	Part No.	Desc.	Price
176X384	34691	Set	$165.55 ea.

Metric Ball End Set

➤ Set includes three 1.5 - 2.5 mm standard and six 3.0 - 10.0 mm MagicRing ball end L-keys

SPC No.	Part No.	Desc.	Price
175X121	66990	Set	$39.26 ea.

SAE Nut Setter Set

➤ Six color-coded magnetic nut setters have laser engraved size markings from ¼" to ⁹⁄₁₆"

SPC No.	Part No.	Desc.	Price
176X386	70486	Set	$39.98 ea.

Impact Bit Set

➤ TerminatorBlue 32-piece bit set includes ¼" mini ratchet, bit holder, adapter & 29 insert bits

SPC No.	Part No.	Desc.	Price
176X388	76889	Set	$29.99 ea.

Insulated Tweezers

➤ 8" straight blunt tweezers are rated to 1000 volts AC

➤ Slip guards at tips for safety

SPC No.	Part No.	Desc.	Price
176X387	75220	Tweezer	$52.10 ea.

NE Lineman's Pliers

➤ 9½" SoftFinish pliers have slip guard, raised rear-finger steps and cushion grip handles

SPC No.	Part No.	Desc.	Price
176X256	32938	Pliers	$37.39 ea.

Pliers/Cutters Set

➤ 3-piece SoftFinish set includes insulated 8" long nose, combination & diagonal cutting pliers

SPC No.	Part No.	Desc.	Price
176X383	32981	Pliers	$86.99 ea.

Insulated Tools

SPCToolKits

Tradesman Pro™ tool bag backpack has 35 pockets of varying sizes to organize tools

See below and opposite to purchase the tools and tool sets in this kit separately

SPC728 Insulated Backpack Tool Kit

➤ Tool kit features essential insulated hand tools from Wiha needed on the job

➤ Tool bag has an orange interior to spot tools easily and tall interior pockets for long nut drivers, screwdrivers and pliers

➤ Backpack made of 1680d ballistic weave material has a diamond-textured coated bottom

SPC No.	Description	Price
SPC728	Wiha Insulated Backpack Tool Kit	1-5, $740.00 ea.; 6-up, $703.00 ea.

SPC728 Tool Kit Contents	
Insulated Diagonal Cutters, 6.3"	Insulated Precision Phillips Screwdriver, #0
2 Insulated Long Nose Pliers, 6" and 8"	Insulated Precision Slotted Screwdriver, 2.5mm
Insulated NE Lineman's Pliers, 9.5"	5 Insulated SoftFinish SAE Nut Drivers, ⁷⁄₃₂"-½"
Insulated Bicut Cutters, 8"	5 Insulated SoftFinish Metric Nut Driver, 6-10mm
Insulated Combination Pliers, 6.3"	11 Insulated SlimLine Screwdrivers
Insulated Water Pump Pliers, 10"	5 Slotted 3.5mm - 6.5mm, 2 Phillips #1 and #2,
Insulated Stripping Pliers, 20-10 AWG	2 Square #1 and #2, 2 Xeno #1 and #2
High Visibility Measuring Tape, 25' x 1"	Mini Maglite 2-Cell AA Flashlight with Batteries

Wiha

Insulated 5-Piece Screwdriver Set

➤ 1.5, 2.5 and 3.5 mm slot drivers
➤ #0 and #1 Phillips drivers
➤ Hi-Vis PicoFinish handles

SPC No.	Part No.	Price
176X820	32085 Set	$40.58 ea.

Insulated 6-Piece Screwdriver Set

➤ 3.5, 4.5 and 6.5 mm slot drivers
➤ #1, #2 and #3 Phillips drivers
➤ 1000-volt rated insulation

SPC No.	Part No.	Price
176X194	32092 Set	$49.03 ea.

Insulated 5-Piece Screwdriver Set

➤ ³⁄₃₂", ⁵⁄₃₂" and ⁷⁄₃₂" slotted drivers
➤ #1 and #2 Phillips screwdrivers
➤ Comfort grips have hang holes

SPC No.	Part No.	Price
914X795	9K 98 98 32 US Set	$39.00 ea.

KNIPEX®

Insulated 1000V 10" Pliers Wrench

➤ 2" grip with 19 adjustments
➤ Zero backlash jaw pressure
➤ 10:1 lever transmission ratio

SPC No.	Part No.	Price
914X621	86 06 250 US Wrench	$65.00 ea.

Insulated 6-Piece SAE Wrench Set

➤ 12 point ratchet wrenches are precision geared with protective double insulation molded directly onto vanadium steel

Wrenches: ³⁄₈", ⁷⁄₁₆", ½", ⁹⁄₁₆", ⅝" and ¾"

SPC No.	Part No.	Price
176X098	21391 Set	$300.14 ea.

Wiha

Insulated 16-Piece Combo ⅜" Socket Set

➤ Red over yellow double covered Insulation molded directly onto chrome vanadium molybdenum steel socket

SAE: ⁵⁄₁₆", ⅜", ⁷⁄₁₆", ½", ⁹⁄₁₆", ⅝", ¹¹⁄₁₆" and ¾"
Metric: 8, 10, 11, 12, 13, 14, 17 and 19 mm

SPC No.	Part No.	Price
176X169	31491 Set	$316.01 ea.

JONARD TOOLS®

Insulated 7-Piece Screwdriver Set

➤ 1000 V ac rated drivers made of chrome vanadium steel with a black oxide finish

4 Slot: ⁵⁄₃₂" x 4", ⅛" x 3", ¼" x 6" and ⁵⁄₁₆" x 7"
3 Phillips: #1 x 3", #2 x 4" and #3 x 6"

SPC No.	Part No. and Desc.	Price
054X706	TK-70INS Screwdriver Set	1-9, $52.95 ea.; 10-up, $50.30 ea.

Insulated 11-Piece Screwdriver/Pliers Set

➤ 1000 V ac rated drivers and pliers organized in zipper case

4 Slot: ³⁄₃₂" x 4", ⁵⁄₃₂" x 4", ¼" x 6" and ⁵⁄₁₆" x 7"
3 Phillips: #1 x 3", #2 x 4" and #3 x 6"
4 Pliers: 7¼" Lineman's, 6½" Long Nose,
6¼" Diagonal, 6½" Wire Stripper

SPC No.	Part No. and Desc.	Price
054X704	TK-110INS Set	1-5, $156.95 ea.; 6-up, $149.10 ea.

11-Piece Insulated SlimLine Screwdriver Set

SlimLine drivers are up to 33% narrower

➤ 10,000 volt tested for a 1000 ac/1500 dc volt certification

➤ SoftFinish cushion grip handles

5 Slotted Screwdrivers: 3.5, 4, 4.5, 5.5, 6.5mm	2 Square Screwdrivers: #1 and #2
2 Phillips Screwdrivers: #1 and #2	2 Xeno Terminal Tip Screwdrivers: #1 and #2

SPC No.	Part No. and Description	Price
176X848	32198 Insulated SlimLine Screwdriver Set, 11-Piece	$147.14 ea.

5-Piece Insulated SAE and Metric Nut Driver Sets

Protective insulation molded directly onto the blade

➤ Handles feature ergo SoftFinish cushion grips for comfort and power

➤ Tools are 10,000 volt tested for a 1000 ac/1500 dc volt certification

5-Pc SAE Nut Driver Set: ⁷⁄₃₂", ¼", ⁵⁄₁₆", ³⁄₈", ½"	5-Pc Metric Nut Driver Set: 6, 7, 8, 9, 10mm

SPC No.	Part No. and Description	Price
176X740	32292 Insulated SAE Nut Driver Set, 5-Piece	$57.94 ea.
176X850	32291 Insulated Metric Nut Driver Set, 5-Piece	$60.62 ea.

Insulated ¼"-Drive SAE Socket Set

➤ 10,000 volt tested for a 1000 ac/1500 dc volt certification

➤ Double insulated tools come in a storage box

10 ¼" Drive Sockets: ³⁄₁₆", ⁷⁄₃₂", ¼", ⁹⁄₃₂", ⁵⁄₁₆", ¹¹⁄₃₂", ³⁄₈", ⁷⁄₁₆", ½", ⁹⁄₁₆"
¼" Drive Reversible Ratchet
2 ¼" Drive Extensions: 50mm, 100mm

SPC No.	Part No.	Price
176X173	31390	$362.21 ea.

Insulated ¼"-Drive Metric Socket Set

➤ Protective insulation molded directly onto sockets

➤ Reversible Ratchet has an additional durable soft black grip

10 ¼" Drive Sockets: 5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 12mm, 13mm, 14mm
¼" Drive Reversible Ratchet
2 ¼" Drive Extensions: 50mm, 100mm

SPC No.	Part No.	Price
176X174	31391	$362.21 ea.

Insulated ⅜"-Drive SAE Socket Set

➤ Reversible Ratchet has an additional durable soft black grip

➤ 10,000 volt tested for a 1000 ac/1500 dc volt certification

8 ⅜" Drive Sockets: ⁵⁄₁₆", ³⁄₈", ⁷⁄₁₆", ½", ⁹⁄₁₆", ⅝", ¹¹⁄₁₆", ¾"
⅜" Drive Reversible Ratchet
⅜" Drive Extension, 125mm

SPC No.	Part No.	Price
176X175	31493	$362.21 ea.

Insulated ⅜"-Drive Metric Socket Set

➤ Double insulated tools come in a storage box

➤ Protective insulation molded directly onto sockets

8 ⅜" Drive Sockets: 5mm, 10mm, 11mm, 12mm, 13mm, 14mm, 17mm, 19mm
⅜" Drive Reversible Ratchet
⅜" Drive Extension, 125mm

SPC No.	Part No.	Price
176X177	31590	$362.21 ea.

Insulated 18-Piece SAE ⅜" Socket Set

➤ Tools come in two zipper bags made of water-resistant polyester zipper bags

➤ Tools rated for use to 1000 volts ac

12-Point SAE Sockets: ¼", ⁹⁄₃₂", ⁵⁄₁₆", ¹¹⁄₃₂", ³⁄₈", ⁷⁄₁₆", ½", ⁹⁄₁₆", ⅝", ¹¹⁄₁₆", ¾", ¹³⁄₁₆", ⅞", ¹⁵⁄₁₆" and 1"
⅜" Drive Reversible Ratchet, plus 3" and 6" Extension Bars

SPC No.	Price
SPC955	1-5, $621.00 ea.; 6-up, $590.00 ea.

Insulated Screw Holding Screwdriver Kit

➤ Insulated gripping screwdrivers are ASTM F1505-01 certified

➤ Each tool features a screw holding slot

4 Slot Screwdrivers: ³⁄₁₆" x 5½" (2 each), ³⁄₁₆" x 3½", ¼" x 5½"
Phillips Screwdriver w/Tempered Spring Tip: ¼" x 7½"
Black Nylon Zipper Tool Pouch, 12.5" x 7" x 0.5"

SPC No.	Price
SPC959	1-5, $146.00 ea.; 6-up, $139.00 ea.

Master Electrician's Insulated 80-Piece Tool Set

➤ Metric and SAE 1000-volt ac rated tools

➤ Four pallets of insulated tools are arranged in a 22" x 13¾" x 9" rolling water-tight case

4 Pliers	12 Nut Drivers	⅜" Drive Ratchet
3 Cutters	10 T-Handle	5" Extension
Adj. Wrench	Hex Drivers	Voltage Detector
NE Crimp Pliers	14 Sockets	Cable Knife
27 Screwdrivers	2 L-Keys	Folding Ruler, 2 m

SPC No.	Part No. and Description	Price
176X997	32800 Master Tool Set	$1749.00 ea.

Insulated 18-Piece Metric ⅜" Socket Set

➤ Tools tested to 10,000 volts ac and rated for use to 1000 volts ac

➤ Water-resistant polyester zipper bags

12-Point Metric Sockets: 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 and 20mm
⅜" Drive Reversible Ratchet, plus 3" and 6" Extension Bars

SPC No.	Price
SPC975	1-5, $520.00 ea.; 6-up, $494.00 ea.

Insulated 34-Piece Combo ⅜" Socket Set

➤ 1000-volts ac rated tools come in four water-resistant polyester zipper bags

12-Point SAE Sockets: ¼", ⁹⁄₃₂", ⁵⁄₁₆", ¹¹⁄₃₂", ³⁄₈", ⁷⁄₁₆", ½", ⁹⁄₁₆", ⅝", ¹¹⁄₁₆", ¾", ¹³⁄₁₆", ⅞", ¹⁵⁄₁₆" and 1"
12-Point Metric Sockets: 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 and 20mm
⅜" Drive Reversible Ratchet, plus 3" and 6" Extension Bar

SPC No.	Price
SPC990	1-5, $1051.00 ea.; 6-up, $999.00 ea.
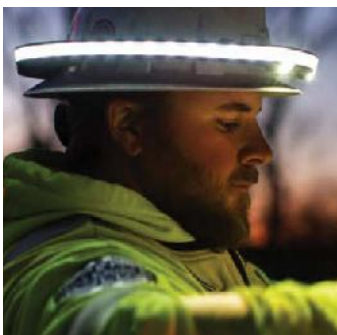
Headlamps come in three colors

Detector securely attaches to hard hat

Halo SL Personal Headlamp Lighting System

➤ Buttons allow selection between eight light modes, including flood task lighting

➤ Center LED provides 50' spotlight with 406 maximum lumens and task LEDs are angled to illuminate personal workspace

SPC No.	Part No. and Description	Price
353X120	S100012-101 Halo SL Headlamp Lighting System, Red	$139.99 ea.
353X115	S100011-101 Halo SL Headlamp Lighting System, Amber	$139.99 ea.
353X101	S100010-101 Halo SL Headlamp Lighting System, White	$99.00 ea.

Sixth Sense Personal Voltage and Current Detector

➤ Detector offers emergency fall detection and notification via SMS

➤ Detector features an intuitive interface, Bluetooth connectivity and self-test mode

➤ Mount on a hard hat or integrate into a Halo SL headlamp

SPC No.	Part No. and Description	Price
353X125	S100030-101 Sixth Sense Voltage & Current Detector	$204.00 ea.

LED Headlamp

➤ Class 1 Div 1 approved for use in hazardous environments with run time up to 16 hours

➤ Single LED puts out 118 lumens of light max and has high, low and flashing modes

SPC No.	Part #	Price
540X462	2755C	1-11, $47.98 ea.; 12-up, $45.58 ea.

HeadsUp Lite™ Headlamp

➤ Rotary bezel switch turns on 74 lumens of LED light & is easy to operate, even gloved

➤ Offers a run time of 11 hours, cloth head strap and heavy-duty rubber hard hat strap

SPC No.	Part #	Price
540X460	2690	1-11, $46.93 ea.; 12-up, $44.58 ea.

SPC PPE

Disposable 3-Ply Protective Masks

➤ Non-sterile CE certified and EN14683 rated mask has 3-ply non-woven design and 98.9% bacterial filtration efficiency

➤ Includes nose beam strip and ear belt

SPC No.	Part No. and Quantity	Price
944X250	M1090 250 per package	$189.00 ea.

Hard Hats

➤ Four-point ratchet polyethylene hard hats feature pillowed brow pad, nylon crown strap suspensions and vertical height adjustment

SPC No.	Part No. and Description	Price
166X305	QHR4-WHITE, Full Brim Hard Hat, White	$18.09 ea.
166X300	QHR4-GREEN-HV, Full Brim Hard Hat, Green	$18.09 ea.
166X245	GHR4-WHITE, Cap Style Hard Hat, White	$12.27 ea.
166X240	GHR4-BLUE, Cap Style Hard Hat, Blue	$12.27 ea.

Safety Glasses

➤ Mirage™ glasses have dielectric snap fit temples and distortion free clear polycarbonate lenses

➤ Rad-Atac™ glasses have rubber tipped temples, wrap-around single lens with integrated nose piece and smoke polycarbonate lenses

SPC No.	Part No. and Description	Price
166X250	MR0110ID Mirage™ Safety Glasses, Clear	$1.27 ea.
166X100	AT1-20 Rad-Atac™ Safety Glasses, Smoke	$1.73 ea.

Economy Class 3 Safety Vests

➤ Made of hi-viz green polyester mesh with zipper closure and two pockets

➤ 2" silver reflective tape has contrasting trim for low and broad light protection

SPC No.	Part No./Size	Price
166X430	SV22-3ZGM-L, Large	$15.45 ea.
166X440	SV22-3ZGM-XL, Extra-Large	$15.45 ea.

Surveyor Class 2 Safety Vests

➤ Vests have contrasting trim on the stripes for added visibility

➤ Vests have six pockets and mic tabs on both shoulders

SPC No.	Part No./Size	Price
166X465	SV6G-M, Medium	$15.15 ea.
166X460	SV6G-L, Large	$15.15 ea.
166X470	SV6G-XL, Extra-Large	$15.15 ea.

Umbrella covers are made of tough vinyl

Work umbrellas with aluminum poles have steel ribs and a tilt feature

POPNWORK
I N D U S T R I A L
TENTS & UMBRELLAS

Dielectric umbrellas come with a wood or fiberglass pole and fiberglass ribs.

Heavy-Duty Work Umbrellas

➤ Umbrellas offer protection in any outdoor work area, especially when working with electricity
➤ Tough vinyl covers are industry-standard high-visibility yellow
➤ Umbrellas come with a storage sleeve

Stock No.	Part No.	Frame Type	Pole Material	Dia.	Ht.	Kool Klamps	Price Each
883X793	7886M	Standard	Aluminum	78"	86"	-	$221.74
883X849	8492M	Standard	Aluminum	84"	92"	-	$253.42
883X455	UCCS*	Standard	Aluminum	84"	92"	✔	$442.38
883X790	7886DD	Dielectric	Fiberglass	78"	86"	-	$365.92
883X788	7886FW	Dielectric	Wood	78"	86"	-	$337.52

Oversized shipping rates apply

Kool Klamps

➤ Set of 4 suction clamps secure umbrella to any smooth metal surface

SPC No.	Part No.	Price
883X450	UCC4	$223.92 ea.

Umbrella Stand

➤ Expands to 78" x 48"
➤ Folds to 27" x 9"

SPC No.	Part No.	Price
883X400	STN1	$271.98 ea.

Bucket Aerial Tent

➤ Use this tent when working on a ladder or in a bucket
➤ Gives protection from the sun or provides a complete weather tight enclosure
➤ 48" x 48" x 78" tent attaches to one side of the bucket, opens on three sides and has an adjustable roof

SPC No.	Part No. and Description	Price
883X475	4800D Bucket Aerial Tent	$887.00 ea.

POPNWORK
I N D U S T R I A L
TENTS & UMBRELLAS

Double-door tents have a full roll-up door on one side

Screen tent has see-through mesh fabric on the sides and back

Pop-Up Work Tents

All Chemicals Must Ship Ground Freight

➤ Protect service personnel from rain, snow, wind and sun
➤ Fiberglass frames w/unbreakable cold-rolled steel hinges
➤ Heavy-duty polyester covers have urethane coating for UV and flame resistance

SPC No.	Part No.	Type of Tent	Footprint	Price Ea.
883X115	GS4411A	A-Shaped Door	4' x 4'	$743.86
883X125	GS6411A	A-Shaped Door	6' x 4'	$766.80
883X101	GS6611A	A-Shaped Door	6' x 6'	$805.03
883X135	GS8811A	A-Shaped Door	8' x 8'	$1129.45
883X140	GS8812A	Full Roll-Up Door	8' x 8'	$1190.62

SPC No.	Part No.	Type of Tent	Footprint	Price Ea.
883X120	GS4423A	Full Roll-Up & A-Shaped Doors	4' x 4'	$879.31
883X130	GS6423A	Full Roll-Up & A-Shaped Doors	6' x 4'	$900.06
883X106	GS6623A	Full Roll-Up & A-Shaped Doors	6' x 6'	$939.38
883X188	GS8823A	Full Roll-Up & A-Shaped Doors	8' x 8'	$1213.55
883X110	GS10823A	Full Roll-Up & A-Shaped Doors	10' x 8'	$1583.85
883X132	GS6523VTF	Versa w/Flaps & Roll-Up Door	5¾' x 5¼'	$755.88
883X134	GS6523VT	Versa Tent w/Full Roll-up Door	5¾' x 5¼'	$724.20
883X128	GS6612-SCRN	Screen Tent w/Full Roll-Up Door	6' x 6'	$979.80

PPE

Compact Aluminum Flashlights
➤ Bright LED light creates clean white beam
➤ Feature On/Off/Momentary switch with high and low light output modes

SPC No.	Part No. and Description	Price
540X216	1920 Two AAA Flashlight	$42.18 ea.

LED Flashlight
➤ 2-cell AA powered LED flashlight has a push button tail switch
➤ 375-lumen light has run time of 2.5 hours
➤ Body is made of aerospace grade aluminum that is textured for slip resistance

SPC No.	Part No. and Description	Price
540X416	2360 LED Flashlight	
	1-11, $61.16 ea.; 12-up, $58.11 ea.	

Stylus® Penlight
➤ Black machined aluminum case with non-slip knurled grip is 6.2" long
➤ Blue high intensity 5 mm LED has an output of 2 lumens for leak detection

SPC No.	Part No.	Description	Price
765X673	65022 Stylus Penlight w/Blue LED		
	1-11, $19.46 ea.; 12-up, $18.88 ea.		

LED Penlight
➤ Sturdy aluminum alloy construction with rubberized section for grip and pocket clip
➤ 1-cell AAA penlight ships in various colors

SPC No.	Part No. and Description	Price
250X050	BEPN1AAA-BTA LED Penlight	
	1-11, $7.36 ea.; 12-up, $7.00 ea.	

Stylus® Pro Penlight
➤ Durable compact black penlight uses two AAA alkaline batteries and is 5.3" long
➤ White LED produces 100 lumens and pocket clip is removable

SPC No.	Part No.	Description	Price
765X683	66118 Stylus Pro Penlight w/White LED		
	1-11, $28.05 ea.; 12-up, $27.20 ea.		

Attached clip has integrated magnet

Right-Angled LED Flashlights
➤ 3410M has a glow-in-the-dark body and four modes spot/flood, spot, flood, flashing
➤ 3415M has spot & flashing modes

SPC No.	Part No. and Description	Price
540X464	3410M Green Flashlight	$62.22 ea.
540X470	3415M Yellow Flashlight	$62.22 ea.

Class 0 yellow or Class 2 black blankets

Insulating Dielectric Rubber Blankets
➤ Blankets measure 3' x 3' and come alone or in a kit
➤ Kits include blanket and two clamp pins in a yellow plastic canister
➤ Clamp pins secure the dielectric blanket to work surfaces

SPC No.	Part No. and Description	Price
278X146	BLK-C0 Class 0 1000-V Yellow Blanket Kit	$307.23 ea.
278X139	BL-C0 Class 0 1000-V Yellow Blanket Only	$140.63 ea.
278X128	BLK-C2 Class 2 20-kV Black Blanket Kit	$316.05 ea.
278X140	BL-C2 Class 2 20-kV Black Blanket Only	$149.45 ea.
278X141	BL-CLP Blanket Kit Clamp Pins, Set of Two	$32.83 ea.

Insulating Shielding Material
➤ Use to protect personnel, equipment and work areas from electrical hazards
➤ Kits include shielding material and 2 clamps in a storage bag

SPC No.	Part No. and Description	Price
278X818	ESY-1K (1-kV 3' x 30' Yellow Roll Kit)	$1024.10 ea.
278X200	ESY-1 (1-kV 3' x 30' Yellow Roll Only)	$910.91 ea.
278X819	ESO-7.5K (7.5-kV 3' x 30' Orange/Yellow Roll Kit)	$1630.72 ea.
278X909	ESO-7.5 (7.5-kV 3' x 30' Orange/Yellow Roll Only)	$1532.23 ea.
278X943	PVC-7.5K (7.5-kV 3' x 30' Clear PVC Roll Kit)	$925.12 ea.
278X944	PVC-7.5 (7.5-kV 3' x 30' Clear PVC Roll Only)	$826.63 ea.

Use protectors with rubber insulating gloves for mechanical and arc flash protection

Wear liners under gloves for added comfort (sold separately)

Kits includes insulating rubber gloves (also sold separately) and leather protectors in a storage pouch

Natural rubber gloves offer dielectric insulation, flexibility, strength, durability and comfort

10" unlined goatskin leather protectors with Kevlar stitching protect insulating rubber gloves from punctures, chemicals and sunlight

Class 0 Insulating High Voltage Glove Kits

➤ IGK0-11 kits include 11" rubber gloves, leather protectors and pouch
➤ IGK0-14 kits include 14" rubber gloves, leather protectors and pouch
➤ Gloves are certification tested by the manufacturer

SPC No.	Part No.	Description	Price
278X298	IGK0-11-8	High Voltage 11" Glove Kit, Size 8	$133.28 ea.
278X303	IGK0-11-8.5	High Voltage 11" Glove Kit, Size 8.5	$133.28 ea.
278X299	IGK0-11-9	High Voltage 11" Glove Kit, Size 9	$133.28 ea.
278X305	IGK0-11-9.5	High Voltage 11" Glove Kit, Size 9.5	$133.28 ea.
278X300	IGK0-11-10	High Voltage 11" Glove Kit, Size 10	$133.28 ea.
278X309	IGK0-11-10.5	High Voltage 11" Glove Kit, Size 10.5	$133.28 ea.
278X301	IGK0-11-11	High Voltage 11" Glove Kit, Size 11	$133.28 ea.
278X302	IGK0-11-12	High Voltage 11" Glove Kit, Size 12	$133.28 ea.
278X166	COTGLV10	Cotton Glove Liners, Size 10	$6.37 ea.

SPC No.	Part No.	Description	Price
278X824	IGK0-14-8	High Voltage 14" Glove Kit, Size 8	$136.71 ea.
278X825	IGK0-14-9	High Voltage 14" Glove Kit, Size 9	$136.71 ea.
278X821	IGK0-14-10	High Voltage 14" Glove Kit, Size 10	$136.71 ea.
278X822	IGK0-14-11	High Voltage 14" Glove Kit, Size 11	$136.71 ea.
278X823	IGK0-14-12	High Voltage 14" Glove Kit, Size 12	$136.71 ea.
278X308	IG0-11-8.5-BLK	Black 1000V Rubber Gloves, Size 8.5	$82.32 ea.
278X310	IG0-11-9-BLK	Black 1000V Rubber Gloves, Size 9	$76.90 ea.
278X311	IG0-11-9.5-BLK	Black 1000V Rubber Gloves, Size 9.5	$82.32 ea.
278X313	IG0-11-10.5-BLK	Black 1000V Rubber Gloves, Size 10.5	$82.32 ea.

Glove inflator comes with Velcro strap and bag, but does not include the glove as shown in image

Arc Flash Accessories

➤ AFS-180 is PPE Level 2 12+ cal arc rated
➤ Face shield has scratch resistant outer coating, anti-fog coating and gray tint for undistorted clear vision
➤ Balaclava is made of flame resistant single layer cotton knit

SPC No.	Part No. and Description	Price
278X126	AFS-180 Arc Flash Face Shield and Hard Hat	$216.58 ea.
278X972	CSH-FRK FR Balaclava Sock Hood, 12 Cal/cm^2	$44.10 ea.
278X127	AFS-SB Arc Flash Storage Bag for AFS-180	$30.38 ea.

Glove Accessories

➤ Glove talc is safe for use with insulating rubber products
➤ Talc absorbs moisture and perspiration to cool and protect hands
➤ Use glove inflator for complete physical inspection of rubber gloves

SPC No.	Part No. and Description	Price
278X173	CPGT-6SB Glove Talc for Insulating Gloves, 6 oz	$10.29 ea.
278X175	CPGI Insulated Glove Inflator for Inspections	$125.93 ea.

Tools come organized in a 20" tool box

Double-insulated tools are tested to 10,000VAC

SPC950
Battery
Technician
Insulated Tool Kit

SPCToolKits

➤ 24-piece kit features Cementex 1000V double-insulated tools
➤ Tools are organized in a 20" plastic box
➤ Includes wrenches, screwdrivers, nut drivers, extension bars and sockets

SPC No.	Description	Price
SPC950	Battery Technician Tool Kit	$1355.00 ea.

SPC950 Contents	
#2 x 6" Cushion-Grip Phillips Screwdriver	$\frac{7}{16}$" Socket, $\frac{3}{8}$" Drive
$\frac{3}{16}$" x 6" Cushion-Grip Slot Screwdriver	$\frac{7}{16}$" Deep Wall Socket, $\frac{3}{8}$" Drive
2 Long Cushion-Grip Nut Drivers ($\frac{1}{4}$"x6", $\frac{5}{16}$"x6")	$\frac{1}{2}$" Socket, $\frac{3}{8}$" Drive
3 Open End Wrenches ($\frac{7}{16}$", $\frac{1}{2}$", $\frac{9}{16}$")	$\frac{1}{2}$" Deep Wall Socket, $\frac{3}{8}$" Drive
4 Gear Box End Wrenches ($\frac{7}{16}$", $\frac{1}{2}$", $\frac{9}{16}$", 10mm)	$\frac{9}{16}$" Socket, $\frac{3}{8}$" Drive
Reversible Ratchet, $\frac{3}{8}$" Drive	$\frac{9}{16}$" Deep Wall Socket, $\frac{3}{8}$" Drive
30-200 in-lb Torque Wrench, $\frac{3}{8}$" Drive	$\frac{5}{16}$" 12-Point Socket, $\frac{3}{8}$" Drive
2 Extension Bars, $\frac{3}{8}$" x 3", $\frac{3}{8}$" x 6"	10mm 12-Point Socket, $\frac{3}{8}$" Drive

SPC930
High Voltage Deluxe
Electrician's Maintenance Tool Kit

➤ 25-piece kit features Cementex 1000V double-insulated tools
➤ Tools are securely organized in a sturdy polyethylene case with die-cut top and bottom foam

SPC No.	Description	Price
SPC930	Deluxe Insulated Kit	1-5, $1992.00 ea.; 6-up, $1893.00 ea.

SPC930 Contents	
Slotted Screwdriver, $\frac{9}{64}$" x 2"	Reversible Ratchet, $\frac{3}{8}$" Drive
2 Slotted Cushion-Grip Screwdrivers ($\frac{3}{16}$" x 4$\frac{1}{2}$", $\frac{1}{4}$" x 6")	2 Extensions ($\frac{3}{8}$" x 3", $\frac{3}{8}$" x 6")
	8 Twelve- Point $\frac{3}{8}$"-Dr Deep Sockets ($\frac{3}{8}$"-$\frac{13}{16}$")
2 Phillips Cushion-Grip Screwdrivers (#1 x 3", #2 x 4")	9" Lineman's Pliers
	8" Needle Nose Pliers
Box-End Wrench Set, 8-Pc ($\frac{3}{8}$"-$\frac{13}{16}$")	7$\frac{1}{2}$" Diagonal Pliers
$\frac{3}{8}$"-Dr Trq. Wrench, 30-150 in./lbs.	Mini Flashlight

Tradesman Pro™ backpack has 39 pockets for tool storage

SPC335 Insulated Electro-Mechanical Tool Kit

➤ 58-piece arc flash insulated tools are tested to 10,000 V
➤ Kit includes rugged backpack case with 39 storage pockets, molded bottom and padded strap
➤ Tools include insulated sockets, wrench sets, screwdrivers, pliers, extensions and ratchet

SPC No.	Description	Price
SPC335	Electro-Mechanical Tool Kit	1-5, $2850.00 ea.; 6-up, $2708.00 ea.

SPC335 Contents	
$\frac{3}{8}$" Drive Ratchet Wrench	8 Long Arm SAE Hex Wrenches ($\frac{1}{16}$"-$\frac{1}{2}$")
$\frac{3}{8}$" Drive Torque Wrench	2 Slotted Screwdrivers, ($\frac{3}{16}$" x 6" & $\frac{5}{16}$" x 6")
13 $\frac{3}{8}$" Drive Metric Sockets (6mm-18mm)	Phillips Screwdriver, #2 x 4"
5 $\frac{3}{8}$"-Drv SAE Sockets ($\frac{7}{16}$"-$\frac{3}{4}$")	Diagonal Pliers, 7$\frac{1}{2}$"
6 Box-End Wrenches ($\frac{3}{8}$"-$\frac{3}{4}$")	Needlenose Pliers, 8"
13 Open-End Metric Wrenches (6mm-15mm)	Water Pump Pliers, 10"
5 Open-End SAE Wrenches ($\frac{7}{16}$"-$\frac{3}{4}$")	Socket Adapter, $\frac{1}{2}$"F to $\frac{3}{8}$"M
	2 $\frac{3}{8}$" Drive Extensions, 3" & 6"

Master Electrician's 59-Piece Tool Set

➤ Set includes common 1000-volt rated insulated tools made of hard-ened and tempered steel for strength and long life

SPC No.	Part No. and Description	Price
176X382	32937 Master Electricians 59-Piece Tool Set	$695.30 ea.

32937 Contents		
3 Pliers, NE/Long Nose/Strip	Claw Hammer	2 Terminal Xeno Screwdrivers
2 Cutters, Diagonal/Cable	Torpedo Level	6 Nut Drivers
2 Water Pump Pliers	8 Slot Screwdrivers	22 SAE/Metric Hex L-Keys
Tape Measure, 25'	5 Phillips Screwdrivers	3 Nut Setters
Voltage Detector, 50-1000 Volt	2 Square Screwdrivers	Canvas Tool Bag

Insulated Screwdriver Set

➤ Tools are 10,000 volt tested for a 1000 AC/1500 DC volt certification
➤ Handles feature ergo SoftFinish cushion grips for comfort and power

SPC No.	Part No. and Description	Price
176X195	32094 Screwdriver Set	$106.12 ea.

32094 Contents
9 Insulated Slot Screwdrivers (2, 2.5, 3, 3.5, 4.5, 5.5, 6.5, 8, 10mm)
4 Insulated Phillips Screwdrivers (#0, #1, #2, #3)

SPC935 Insulated Bare Head Nut Driver Kit

➤ 6-piece kit features Cementex 1000V double-insulated tools
➤ Tools are organized in a roll tool pouch with divided pockets, adjust-able strap and plastic clasp

SPC No.	Part No. and Description	Price
SPC935	Bare Head Nut Driver Kit	1-5, $154.00 ea.; 6-up, $147.00 ea.

SPC935 Contents
6 Cementex 3" Bare Head Nut Drivers: ¼", ¹¹⁄₃₂", ⁵⁄₁₆", ⅜", ⁷⁄₁₆", ½"

Master Electrician's 80-Piece Tool Set

➤ Four pallets of insulated metric and SAE 1000-volt ac rated tools tools are arranged in a 22" x 13¾" x 9" rolling water-tight case

SPC No.	Part No. and Description	Price
176X997	32800 Master Electrician's 80-Piece Tool Set	$1749.00 ea.

32800 Contents		
4 Pliers, Long/Bent/Flat Nose	16 Slot/Phillips Screwdrivers	14 SAE/Metric Sockets
3 Cutters, Diagonal/Cable	11 Torx/Square Drivers	⅜" Drive Ratchet
NE Crimping Pliers	12 SAE/Metric Nut Drivers	5" Extension
Adjustable Wrench, 8"	10 T-Handle SAE/Metric Hex Drivers	Cable Knife
Voltage Detector, 50-1000 Volt	2 SAE/Metric L-Keys	Folding Ruler, 2 m

Insulated Nut Driver Set

➤ Handles feature ergo SoftFinish cushion grips for comfort and power
➤ Tools are 10,000 volt tested for a 1000 AC/1500 DC volt certification

SPC No.	Part No. and Description	Price
176X737	32294 Nut Driver Set	$80.24 ea.

32294 Contents
7 Insulated Nut Drivers (³⁄₁₆", ⁷⁄₃₂", ¼", ⁵⁄₁₆", ⅜", ⁷⁄₁₆", ½")

5-Piece Insulated Screwdrivers and Pliers Belt Pack Kit

➤ 1000V rated tools have SoftFinish cushion grip insulated handles
➤ Tools come in a heavy-duty flexible canvas belt holster

SPC No.	Part No. and Description	Price
176X186	32872 Screwdrivers and Pliers Belt Pack Kit	$89.16 ea.

32872 Contents		
Long Nose Pliers, 8"	³⁄₁₆" Slotted Screwdriver	#2 Phillips Screwdriver
Diagonal Cutter, 6.3"	⅛" Slotted Screwdriver	

Insulated Tool Kits

SPC720
Electrician Apprentice Tool Kit

➤ Kit features Wiha 1000V-rated insulated tools

➤ Easy-to-wear tool kit has all the basic tools needed for on-the-job electricians

SPC No.	Price
SPC720	1-5, $453.00 ea.; 6-up, $431.00 ea.

SPC720 Tools List	
Torpedo Level, 9"	Insulated Precision Screwdriver,
Hi-Viz Tape Measure, 25'	Phillips #0 x 60 mm
Wooden Claw Hammer, 16 oz.	Insulated SlimLine Screwdriver,
Insulated Diagonal Cutters, 6.3"	Slotted, 4.5 x 125 mm
Insulated Long Nose Pliers, 8"	Insulated SlimLine Screwdriver,
Insulated NE High-Leverage	Slotted, 6.5 x 150 mm
Lineman's Pliers, 9.5"	Insulated SlimLine Screwdriver,
Insulated Stripping Pliers,	Phillips, #1 x 80 mm
10-20 AWG	Insulated SlimLine Screwdriver,
Insulated Precision Screwdriver,	Phillips, #2 x 100 mm
Slotted 2.5 x 60 mm	Insulated SlimLine Screwdriver,
Insulated Precision Screwdriver,	Square Tip, #2 x 125 mm
Slotted 3.0 x 60 mm	Mini Maglite 2-Cell AA
Insulated Precision Screwdriver,	Alkaline AA Batteries, 2/pkg
Slotted 3.5 x 60 mm	Heavy Duty Utility Pouch

Wiha's insulated tools set the standard for functionality, design and quality

Sparky Utility Pouch includes a 2" web belt with large grommets for up to a 52" waist.

SPC722
Journeyman Electrician Tool Kit

➤ Additional tools and a non-contact voltage detector make this kit more versatile

➤ Tool bag has an adjustable shoulder strap

SPC No.	Price
SPC722	1-5, $733.00 ea.; 6-up, $697.00 ea.

SPC722 Tools List	
Non-Contact Voltage Detector,	Insulated Precision Screwdriver,
90-1000 volts	Slotted 2.5, 3.0, 3.5 mm
Torpedo Level, 9"	Insulated Precision Screwdriver,
Hi-Viz Tape Measure, 25'	Phillips #0, #1
Wooden Claw Hammer, 16 oz.	Insulated SlimLine Screwdriver,
Insulated Diagonal Cutters, 6.3"	Slotted 4.0, 4.5, 6.5 mm
Insulated Long Nose Pliers, 8"	Insulated SlimLine Screwdriver,
Insulated NE High-Leverage	Phillips #1, #2
Lineman's Pliers, 9.5"	Insulated SlimLine Screwdriver,
Insulated Stripping Pliers,	Square Tip #1, #2
10-20 AWG	Insulated Cushion-Grip
Insulated Cable Cutters, 8"	Nut Drivers, 5/16", 3/8", 1/4"
Insulated Water Pump Pliers, 10"	Soft Finish Screwdriver, Slotted
Mini Maglite 2-Cell AA	8.0 x 150 mm
Alkaline AA Batteries, 2/pkg	Electrician's Tool Pouch

Premium 21-pocket tool pouch has a zippered fold-down cover to protect the kit contents

SPC724
Professional Electrician Tool Kit

➤ The most complete selection of tools in this series makes it a must for master electricians

➤ Power tools fit in tool bag's large compartment

SPC No.	Price
SPC724	1-5, $1096.00 ea.; 6-up, $1042.00 ea.

SPC724 Tools List	
Non-Contact Volt Detector,	Insulated Precision Screwdriver,
Torpedo Level, 9"	Slotted 2.5, 3.0, 3.5 mm
Hi-Viz Tape Measure, 25'	Insulated Precision Screwdriver,
Wooden Claw Hammer, 16 oz.	Phillips #00, #0, #1
Insulated Diagonal Cutters, 6.3"	Insulated SlimLine Screwdriver,
Insulated Long Nose Pliers, 8"	Slotted 4.0, 4.5, 5.5, 6.5 mm
Insulated NE Lineman Pliers, 9.5"	Insulated SlimLine Screwdriver,
Insulated Strip Pliers,10-20 AWG	Phillips #1, #2
Insulated Cable Cutters, 8"	Insulated SlimLine Screwdriver,
Insulated Water Pump Pliers, 10"	Square and Xeno #1, #2
Mini Maglite 2-Cell AA w/Batteries	Insulated Nut Drivers,
Fluorescent Work Light, 13W	7/32", 5/16", 3/8", 7/16", 1/4", 1/2"
Thumb Winder Fish Tape, 50'	Soft Finish Screwdriver, Slotted
9-Ply Lacing Twine, 191 yd.	8.0 x 150 mm
Ball End Hex L-Key Set, 22-Pc.	Tool Bag, 50 Pockets

Multi-compartment tool bag has 43 interior and 7 exterior pockets for maximum storage

FIELD SERVICE

Field service engineers work with their hands to fix what is broken. They are present during electronic installations, they perform scheduled maintenance and they repair and resolve electrical problems and other malfunctions as they arise. Most days are spent traveling from one site to another, using several types of tools and machinery, both indoors and outdoors. Field service engineers and technicians need tools and test equipment they can rely on. Testers such as Fluke IR thermal imagers and DMMs, Amprobe and Extech AC/DC clamp meters and receptacle testers plus Franklin Electric Celltron battery analyzers detect and measure electrical heat, voltage, current and more. These testers and tools from Wiha and other manufacturers, plus our own field service tool kits supply technicians with the tools needed to complete their work.

Test Equipment

Test equipment offered for the field service engineer is as varied as the job sites they travel to. It includes IR thermal imagers, digital multimeters, AC/DC clamp meters, receptacle testers, voltage detectors, battery analyzers and more.

SEE PAGES 130-136

Tools

Every job for a field tech is slightly different than the one before. This requires the engineer to carry a deep selection of tools. Wiha manufactures a wide variety of precision drivers as well as insert bit sets from a stubby screwdriver six-bit holder to a master set of 65 pieces, so that the needed bit is always at hand.

SEE PAGES 137-138

Tool Kits

Field service professionals take pride in their tools and having the correct one on hand when needed. Specialized Products has designed a variety of tool kits that include a complement of versatile tools which can be used across multiple industries.

SEE PAGES 139-140

Test

EXTECH®

True RMS 600-Amp AC/DC Clamp Meter

➤ Meter features rugged double-molded housing and built-in non-contact voltage detector
➤ Clamp meter accommodates cables to 350 MCM
➤ Measures to 600 A ac/dc and 750 Vac/1000 Vdc, resistance to 60 MΩ, capacitance to 60 mF, frequency to 1 MHz and type K temperature from -40 to 1832°F

SPC No.	Part No. and Description	Price
160X008	EX655 True RMS 600-Amp AC/DC Clamp Meter	$148.99 ea.

EXTECH®

True RMS 1000-Amp AC/DC Clamp Meter

➤ Autoranging meter features a built-in non-contact infrared thermometer with laser pointer that measures from -58 to 518 °F
➤ 1.7" jaw accommodates conductors to 750 MCM or two 500 MCM cables
➤ Measures to 1000 A ac/dc and 600 Vac, resistance to 40 MΩ, capacitance to 40 mF and frequency to 4 kHz

SPC No.	Part No. and Description	Price
160X855	EX830 True RMS 1000-Amp AC/DC Clamp Meter	$239.99 ea.

FLUKE®

True RMS 200-Amp AC/DC Detachable Clamp Meter

➤ Measure to 200 A ac/dc and 600 V ac/dc plus resistance to 6000 Ω with continuity detection
➤ Clamp meter features a small detachable jaw on a flexible lead that gives easy access to wires
➤ Built in flashlight and large back lit display make reading measurements easy

SPC No.	Part No. and Description	Price
045X162	365 True RMS 200-Amp AC/DC Detachable Clamp Meter	$326.16 ea.

FLUKE®

True RMS 600-Amp AC Clamp Meter

➤ Meter measures current to 600 amps ac and voltage to 600 volts ac/dc
➤ Measure resistance to 6000 Ω plus continuity and capacitance to 1000 µF
➤ Large backlit display automatically sets the correct measurement range

SPC No.	Part No. and Description	Price
045X164	373 True RMS 600-Amp AC Clamp Meter	$306.86 ea.

FLUKE®

374FC   375FC

True RMS 600-Amp AC/DC Wireless Clamp Meters

➤ Meters include Fluke Connect wireless capability
➤ 375 measures resistance to 60 kΩ (6000 Ω with 374), adds frequency to 500 Hz and 500 mV dc range
➤ Measure continuity to 30 Ω and inrush to 100 mS

SPC No.	Part No. and Description	Price
045X100	FLUKE-374 FC 600-Amp AC/DC Wireless Clamp Meter	$483.46 ea.
045X102	FLUKE-375 FC 600-Amp AC/DC Wireless Clamp Meter	$548.11 ea.

FLUKE®

True RMS 1000-Amp AC/DC Wireless Clamp Meter

➤ Meter reads to 1000 V and 1000 A ac/dc
➤ Includes 18" iFlex flexible current probe which expands the range to 2500 A ac
➤ Unit measures resistance to 60 kΩ, frequency to 500 Hz and has a mV dc range of 500 mV

SPC No.	Part No. and Description	Price
045X104	FLUKE-376 FC 1000-Amp AC/DC Wireless Clamp Meter	$612.77 ea.

Test

FLUKE

True RMS 400-Amp AC Clamp Meter

➤ Meter measures current to 400 amps ac and voltage to 600 V ac/dc
➤ Measures resistance to 40 kΩ with continuity detection ≤70 Ω
➤ Slim design with easy to read backlight display

SPC No.	Part No. and Description	Price
045X122	FLUKE-323 Clamp Meter	$191.06 ea.

FLUKE

True RMS 400-Amp AC Clamp Meter

➤ Meter measures current to 400 amps ac and voltage to 600 V ac/dc
➤ Measures frequency to 500 Hz, capacitance to 1000 µF and contact temperature to 752°F
➤ Measures resistance to 40 kΩ with continuity detection ≤70 Ω

SPC No.	Part No. and Description	Price
045X126	FLUKE-325 Clamp Meter	$400.47 ea.

FLUKE

True RMS 1000-Amp AC/DC Clamp Meter

➤ Meter reads to 1000 V ac/dc, 1000 A ac/dc and resistance to 60 kΩ
➤ Includes 18" iFlex flexible current probe which expands the range to 2500 A ac
➤ Removable wireless display allows real-time readings up to 30'

SPC No.	Part No. and Description	Price
045X175	FLUKE-381 Clamp Meter	$799.01 ea.

FLUKE

400-Amp AC/DC Current Clamp

➤ Hall-effect battery-powered probe measures to 400 A
➤ 1mV/Amp output
➤ Take accurate current readings without breaking the circuit

SPC No.	Part No. and Description	Price
045X959	i410 Current Clamp	$299.14 ea.

FLUKE

400-Amp AC Current Clamp

➤ Extend the functionality of Fluke DMMs
➤ Continuous current range of 1 A to 400 A
➤ 1mV/Amp output
➤ Maximum conductor size is 750 MCM

SPC No.	Part No. and Description	Price
045X963	i400 Current Clamp	$183.34 ea.

FLUKE

AC/DC Current Clamp

➤ Measures current to 1000 A dc and 600 A ac
➤ Accepts 750 MCM conductor or two 500 MCM
➤ Shrouded banana plugs are attached to a 1.6 meter cable

SPC No.	Part No. and Description	Price
045X957	i1010 Current Clamp	$492.14 ea.

KLEIN TOOLS

True RMS 400-Amp AC/DC Clamp Meter

➤ Measures ac/dc current to 400 A, ac/dc voltage to 600 V and dc micro amps
➤ Includes thermocouple for temperature measurements from -40 to 1832°F, non-contact voltage sensor
➤ Large jaw size of 1.38"

SPC No.	Part No.	Price
060X211	CL390	1-5, $104.14 ea.; 6-up, $98.93 ea.

KLEIN TOOLS

True RMS 400-Amp AC Clamp Meter

➤ Measures ac current to 400 A and ac/dc voltage to 600 V
➤ Includes thermocouple for temperature measurements from -40 to 1832°F and non-contact voltage sensor
➤ Large jaw size of 1.38"

SPC No.	Part No.	Price
060X207	CL220	1-5, $72.83 ea.; 6-up, $69.19 ea.

KLEIN TOOLS

True RMS 600-Amp AC/DC Clamp Meter

➤ Measures ac/dc current to 600 A, ac/dc voltage to 1000 V and temperature to 356°F
➤ Measures resistance, frequency, capacitance and duty cycle
➤ Includes LoZ, low impedance, mode for ghost and stray voltage identification

SPC No.	Part No.	Price
060X969	CL800	1-5, $146.48 ea.; 6-up, $139.16 ea.

Test

Wireless DMM Kits

➤ The 3000FC wireless multimeter communicates with iOS and Android devices with Fluke Connect™ mobile app
➤ Measure to 1000 V ac/dc and 400 mA, plus continuity, resistance, capacitance and diode
➤ Meter comes in three kits

045X794

SPC No.	Part No. and Description	Price
045X794	FLK-3000FC/EDA2 Wireless DMM w/Accessories	$405.29 ea.
045X796	FLK-3000FC/TPAK Wireless DMM w/ToolPak™ Magnetic Meter Hanger (TPAK)	$417.84 ea.
045X798	FLK-3000FC/1AC-II Wireless DMM w/Non-Contact Voltage Tester	$395.64 ea.

Digital Multimeter Accessories

	SPC No.	Part No.	Description	Price Ea.
A.	045X961	i400s	AC Current Clamp, 400A Dual	$337.74
B.	160X987	TL809	Electronic Test Lead Kit, 8-Piece	$18.99
C.	376X600	TLS2000B	Deluxe Digital Multimeter Test Lead Kit	$39.95
D.	045X946	TL81A	Deluxe Test Lead Kit	$199.75
E.	045X940	TL75	Hard Point Test Leads	$33.77
F.	045X944	TL80A	Basic Test Lead Kit	$108.07
G.	045X996	TL220	SureGrip Industrial Test Lead Kit	$101.32
H.	045X995	TL40	Retractable Tip Test Lead Set	$63.68
I.	045X865	TLK289	Industrial Master Test Lead Set	$202.64
J.	045X936	TL224	SureGrip Insulated Test Leads	$40.52
K.	SPC925	SPC925	Fused Test Lead Kit w/Clips & Probes	$201.00

	SPC No.	Part No.	Description	Price Ea.
L.	045X997	TL222	SureGrip Insulated Test Lead Set	$40.52
M.	045X998	TL223	SureGrip Electrical Test Lead Kit	$101.32
N.	630X924	5673B	Digital Multimeter Test Lead Kit	$91.67
O.	045X866	TL175	TwistGuard Test Leads	$42.45
P.	045X942	TL238	SureGrip High Energy Test Leads Kit	$106.14
Q.	045X938	TL175E	TwistGuard Test Leads w/4mm Lantern Tips	$44.38
R.	630X150	3782-24-0	24" Minigrabber/Stack Banana, Black	$9.74
S.	630X155	3782-24-2	24" Minigrabber/Stack Banana, Red	$9.74
T.	045X999	TP220	SureGrip Test Probes	$28.94
U.	045X889	AC285	SureGrip Alligator Clips	$41.00
V.	045X887	AC280	SureGrip Hook Clips	$49.21
W.	045X888	AC283A	SureGrip Pincer Clips	$57.89

True RMS Waterproof DMM

➤ Rugged IP 67 rated DMM
➤ Measure to 1000 V ac/dc and up to 10 A
➤ Extended temperature range of 5 to 131°F

SPC No.	Part No.	Price
045X013	28 II	$656.19 ea.

Insulation Multimeter w/Fluke Connect®

➤ Digital insulation tester and full-featured True RMS DMM combined
➤ Added diagnostics with Fluke Connect Measurements app

SPC No.	Part No.	Price
045X340	1587 FC	$1038.99 ea.

Multimeter, NCV Detector and Receptacle Tester Kit

➤ Measure to 600 V ac/dc
➤ NCV tester power range from 50 to 1000 Vac

SPC No.	Part No.	Price
060X375	69149P	$49.92 ea.

Process Meter

➤ Combines safety rated DMM and mA loop calibrator
➤ Compatible with Fluke Connect
➤ Has HART mode 250 Ω resistor and 24 V loop power supply

SPC No.	Part No.	Price
045X239	789	$1322.99 ea.

Test

FLUKE.

170 Series True RMS DMMs

➤ Front-line True RMS meters
➤ Measure ac/dc voltage to 1000 V, current to 10 A, resistance to 50 MΩ capacitance to 10,000 µF and frequency to 100 kHz
➤ 179 measures -40 to 752°F temperature in °C & °F

SPC No.	Part No. and Description	Price
045X333	175 True RMS General Purpose DMM	$400.47 ea.
045X344	177 True RMS Troubleshooting DMM	$411.00 ea.
045X355	179 DMM w/Temperature	$452.58 ea.
045X984	TPAK Hanging System Only	$51.14 ea.

77-IV Digital Multimeter

➤ Comes with a protective holster with Flex-Stand™ for field service and bench repair
➤ Tapered design and large screen make it easy to read in any environment
➤ Includes 6000 count 3.5-digit display, auto/manual ranging and 33-segment bar graph

SPC No.	Part No. and Description	Price
045X008	77-IV DMM	$396.61 ea.

107 ESP Palm-Sized Digital Multimeter

➤ Compact easy-to-use multimeter for first-pass troubleshooting
➤ Measures ac/dc voltage, ac/dc current, resistance, continuity, capacitance and diode
➤ Frequency, duty cycle test and other functions for basic electrical applications

FLUKE.

SPC No.	Part No. and Description	Price
045X288	FLUKE-107 ESP DMM	$150.53 ea.

80 Series Industrial DMMs

➤ Improved measurement functions, troubleshooting features, resolution and accuracy for industrial use

87V/E2 Electrician's Kit

SPC No.	Part No. and Description	Price
045X183	83V Industrial DMM	$444.86 ea.
045X187	87V True RMS DMM w/Temperature	$504.00 ea.
045X187C	FLUKE-87V-C True RMS 87V Calibrated	$699.62 ea.
045X189	87V/IMSK DMM w/Clamp & Temp. Probe	$558.73 ea.
045X188	87V/E2 KIT Electrician's Kit	$689.00 ea.
045X290	FLUKE-87V-MAX True RMS DMM w/IP67	$568.38 ea.
045X282	87V-MAX/E2 KIT Electrician's Kit w/IP67	$748.83 ea.

110 Series True RMS DMMs

➤ 113 designed for basic electrical tests
➤ 114 has auto-V and LoZ input
➤ 115 adds ac/dc current to 10 A, frequency and capacitance
➤ 117 adds a diode test and VoltAlert non-contact voltage

SPC No.	Part No./Description	Price
045X113	113 True RMS DMM	$169.83 ea.
045X425	114 True RMS DMM	$209.40 ea.
045X430	115 True RMS DMM	$257.65 ea.
045X430C	115 DMM Calibrated	$392.75 ea.
045X445	117 True RMS DMM	$273.00 ea.

EXTECH®

Mini Digital Multimeters

➤ Measure -4 to 1400°F with a thermocouple
➤ Measure to 600 V ac/dc, 10 A dc, 20 MΩ
➤ Features resistance, continuity and diode testing

SPC No.	Part No. and Description	Price
160X135	MN35 Mini DMM	$21.99 ea.

AMPROBE®

Compact Digital Multimeters

➤ Feature VolTect™ 70 V to 600 V ac non-contact voltage indicator
➤ Have Magne-Grip™ holster/hanging strap
➤ Autoranging 15XP-B adds logic and diode

SPC No.	Part No. and Description	Price
204X705	5XP-A Compact DMM	$106.14 ea.
204X716	15XP-B Autoranging DMM	$121.58 ea.

AMPROBE®

True RMS Digital Multimeter

➤ Has component and logic test for troubleshooting electronics
➤ Measure to 1000 V dc, 750 V ac, 10 A ac/dc, and 40 MΩ resistance
➤ Has Magne-Grip™ holster & hanging strap

SPC No.	Part No. and Description	Price
204X737	37XR-A True RMS DMM	$279.84 ea.

Test

TiS20+ 9Hz Thermal Imager

➤ Scan from full infrared to full visible images with a single touch to pinpoint location
➤ Rugged IP54 enclosure rating
➤ Detects temperatures from -4°F to 302°F

SPC No.	Part No. and Description	Price
045X260	FLK-TiS20+ 9Hz Imager	$1999.99 ea.

C5™ Compact Thermal Imaging Camera

➤ Use this thermal and visual inspection camera with LED flashlight to identify hidden problems
➤ 3.5" integrated touchscreen
➤ Ignite™ cloud connectivity allows direct data transfer and storage

SPC No.	Part No.	Price
160X090	C5 Imager	$799.00 ea.

CAT III 1500V True-rms Clamp Meter with iFlex

➤ Designed for dc environments up to 1500 volts like solar arrays, wind power, electric railways and data center battery banks
➤ Measure up to 1500 V dc, 1000 V ac and 999.9 A dc or ac through the clamp jaw
➤ iFlex flexible current probe extends ac current to 2500 amps

SPC No.	Part No. and Description	Price
045X105	FLUKE-393 FC Clamp Meter	$725.67 ea.

Solar Irradiance Meter

➤ Get instantaneous irradiance measurements up to 1400 W/m^2 with this high precision mono-crystalline solar sensor
➤ Measure irradiance, temperature, inclination and direction of the solar array
➤ Use the built-in temperature sensor or the external suction mount temperature probe to measure ambient and panel temperature

SPC No.	Part No. and Description	Price
045X220	FLK-IRR1-SOL Meter	$402.40 ea.

62 MAX Infrared Thermometers

➤ Lightweight and ergonomic, drop tested to 3 meters and IP54 rated, display temperature minimum, maximum, average and difference
➤ Single laser 62 MAX and dual laser 62 MAX+

SPC No.	Part No.	Temp. Range	Price
045X862	FLUKE-62 MAX	-22 to 932°F	$130.27 ea.
045X864	FLUKE-62 MAX+	-22° to 1202°F	$197.82 ea.

280 Series True RMS Data Logging Multimeters

➤ Document & display data graphically plus connect wirelessly to app with iIR3000FC
➤ Built-in data logger and TrendCapture
➤ 289 has LoZ low-input impedance function

SPC No.	Part No. and Description	Price
045X116	287 Logging DMM	$710.23 ea.
045X118	289 DMM w/LoZ	$844.37 ea.
045X967	IR3000FC IR Connector	$144.74 ea.

TiX501 60Hz Thermal Imager

➤ Features LaserSharp auto focus, laser distance meter, advanced manual focus, smart lenses and 640 x 480 resolution
➤ Temperature from -4 to 1202°F

SPC No.	Part No. Description	Price
045X835	TiX501 60Hz Thermal Imager, Auto/Manual Focus	$18999.99 ea.

289/FVF Data Logging Kit

➤ Kit combines 289 data logging meter & FVF-SC2 FlukeView software
➤ Software overlays logged data from six meters or time periods for condition monitoring

SPC No.	Part No. Description	Price
045X120	289/FVF Combo Kit	$1051.99 ea.
045X965	FVF-SC2 Software	$299.14 ea.

Ti300+ 60Hz Thermal Imager

➤ Features IR-Fusion technology, LaserSharp auto focus, laser distance meter, advanced manual focus, smart lenses and 320 x 240 resolution
➤ Detects temperature from -4 to 1202°F

SPC No.	Part No. Description	Price
045X286	Ti300+ 60Hz Thermal Imager, Auto/Manual	$9299.99 ea.

289/IMSK Industrial DMM Service Kit

➤ Kit combines the 289 True-RMS data logging multimeter and the i400 400 A ac current clamp

SPC No.	Part No. Description	Price
045X117	289/IMSK Service Kit	$892.62 ea.

Test

Celltron Advantage Digital Battery Tester

➤ User-friendly state-of-health battery analysis tool for VRLA, VLA and Ni-Cd batteries
➤ Measure voltage to one volt plus inter-cell and terminal connection resistance
➤ Measure conductance, voltage, temperature and strap resistance in high-noise environments
➤ Built-in WiFi for quick and wireless data transmission

SPC No.	Part No. and Description	Price
855X175	CADD-5000 Digital Tester	$3419.00 ea.
855X180	CADD-5200 Enhanced Kit	$4787.00 ea.
855X170	CADD-5500 Complete Kit	$6497.00 ea.

Celltron ULTRA Battery Analyzer Kit

➤ Analyzer is designed for universal stationary applications
➤ Test individual lead-acid cells or up to 16-volt monoblocs
➤ Measure 1.5-20 Vdc & 100-19,990 Siemens conductance
➤ Stored reference values assist with pass/fail thresholds

SPC No.	Part No. and Description	Price
855X314	CTU-6000 Celltron ULTRA Kit	$9717.00 ea.

SCP 6/12™ Battery Conductance Tester

➤ Use to screen the state-of-health of 6-volt and 12-volt sealed lead-acid batteries
➤ Ideal for small systems applications like fire & security alarms plus lighting
➤ Clamps for .187 tab terminal batteries

SPC No.	Part No. & Description	Price
855X423	SCP-100 Tester	$797.00 ea.

Celltron Backpack

➤ Use to organize Celltron Advantage and Ultra kits and accessories
➤ Compartments have removable padded dividers and can be customized to secure contents
➤ Durable backpack has a reinforced bottom, top and side carry handles and adjustable shoulder straps

SPC No.	Part No. & Desc.	Price
855X128	CA100 Backpack	$196.00 ea.

Battery Packs

Battery Chargers

Clamps

Cables

Probes

Printer and Paper

Memory Card

Clamp Meter

Backpack

Accessories for Celltron Advantage Handheld Battery Testers And Celltron ULTRA Battery Analyzer

SPC No.	Part No.	Description	Price Ea.
855X122	CA090	Advantage 7.2V NiMH Rechargeable Battery Pack	$124.00
855X145	C090	Ultra 9.6V NiMH Rechargeable Battery Pack	$108.00
855X105	CA096	Advantage Desktop Rapid Battery Charger	$507.00
855X113	CA091	Advantage Universal In-Unit Battery Charger	$91.00
855X140	C091	Ultra NiMH Battery Charger for C090	$59.00
855X110	CA092B	Advantage 6.5" Black Lighted Piranha Clamp	$227.00
855X112	CA092R	Advantage 6.5" Red Lighted Piranha Clamp	$227.00
855X115	CA092	Advantage 6.5" Piranha Lighted Clamp Set	$398.00
855X062	C062	Ultra 5" Industrial Clamps w/4' Cables	$678.00
855X125	CA024	Advantage 8' Duraclamp CMA Long Charger	$740.00
855X120	CA026	Advantage 4' Interchangeable Cable	$513.00
855X101	CA049	Advantage 39" USB A/B Cable	$17.00
855X135	C093	Ultra 4' DuraProbe Cable w/Probes	$622.00

SPC No.	Part No.	Description	Price Ea.
855X127	CA093B	Advantage Black 6" Lighted Probe	$227.00
855X132	CA093R	Advantage Red 6" Lighted Probe	$227.00
855X103	CA069	Advantage Replacement Probe Tips Kit	$62.00
855X123	CA093	Advantage 6" Red/Black Lighted Probe Set	$398.00
855X160	C031	Ultra DuraProbe w/Waffle Tips	$72.00
855X155	C034	Ultra 30" Lighted Probe Extender Kit	$456.00
855X077	CA087	Advantage Thermal IR RS232 Printer	$593.00
855X095	A095	Advantage Thermal Paper for RS232 Printer, 6/Pkg	$52.50
855X150	C089	Ultra 2GB SD Memory Card	$103.00
855X072	C040	Advantage Digital Amp Clamp Meter	$499.00
855X128	CA100	Celltron Backpack Case	$196.00

Test

Radio site survey ping-pong set tests signal strength between two locations, used to properly position sensors

One PRO Base Station connects up to 50 wireless sensors

Aranet4 PRO sensor is a plug-and play wireless air quality monitor with on-screen display and audible warning

Mounting bracket is included wit each base station

Mounting case secures Aranet4 PRO sensor

Wireless CO$_2$ Monitoring System

➤ Monitoring system measures carbon dioxide concentration, temperature, relative humidity and atmospheric pressure

➤ Install in classrooms, warehouses, farms and other building facilities

➤ Kit includes 5 PRO base stations with mounting bracket, Ethernet cables, 100 AC power adapters,100 Aranet4 PRO sensors, 1000 secure mounting case and SensorHUB software

AC power adapter for Aranet4 PRO sensor is sold separately

SPC No.	Part No.	Description	Price
946X100	5B-100KIT	Wireless CO$_2$ Monitoring System Kit	$41242.00 ea.
946X610	TDSBWPA2.050	PRO Base Station	$695.00 ea.
946X630	TDSPCOU3	Aranet4 PRO Air Quality Monitor	$314.17 ea.
948X001	MC1	Aranet4 PRO Mounting Case	$30.00 ea.
946X600	TDAACAU2	Aranet4 PRO AC Power Adapter	$33.50 ea.
946X620	TDSKPPU2	Radio Site Survey Ping-Pong Set	$227.50 ea.

AMPROBE®

AC Voltage Detector

➤ High energy tic tracer and non-contact ac voltage detector features VolTect™

➤ Non-contact voltage up to 122 kV

➤ 30-1500 & 1500-122,000 V ac with hot stick

SPC No.	Part No. and Description	Price
008X747	TIC 300 PRO Voltage Detector	$371.52 ea.
008X771	TIC 410A Hot Stick, 0-121 kv	$227.73 ea.

KLEIN TOOLS

Non-Contact Voltage Tester

➤ 50 to 1000 V ac range

➤ 50 to 500 Hz frequency range

➤ Audible and visual alarms

SPC No.	Part No.	Description	Price
060X764	NCVT-1P	Non-Contact Voltage Tester	
		1-11, $20.56 ea.; 12-up, $19.53 ea.	

EXTECH®

Receptacle Tester

➤ Test for faulty wiring in 3-wire receptacles

➤ Lights display circuit conditions including opens, reversals and correct wiring

SPC No.	Part No. and Description	Price
160X511	ET15 Receptacle Tester	$7.99 ea.

KLEIN TOOLS

Digital Circuit Breaker Finder

➤ Correct circuit breaker is identified with visual and audible indicators

➤ Tests GFCI devices and operates from 90 to 120 V ac

➤ Connect transmitter to outlet and scan breakers in the panel with the receiver

SPC No.	Part No.	Price
060X074	ET310	1-5, $58.67 ea.; 6-up, $55.74 ea.

Pen Multimeter

EXTECH®

➤ Features a retractable tip and large 2000-count high-contrast LCD

➤ Use it for 50 to 600 V ac non-contact voltage detection

➤ Include ac/dc voltage, resistance, continuity and diode test

SPC No.	Part No.	Price
160X197	381676A Pen DMM	$49.99 ea.

KLEIN TOOLS

Electrical Test Kit

➤ Kit features a 600 volt ac/dc manual-ranging digital multimeter

➤ Includes a non-contact voltage detector with a range from 50 to 1000 Vac, a receptacle tester and test leads

SPC No.	Part No.	Price
060X375	69149P	1-5, $49.92 ea.; 6-up, $47.43 ea.

7-Piece Insulated Metric Hex L-Key Set

➤ High-viz coating protects against arc flash

Nut Drivers: 2.5mm, 3mm, 4mm, 5mm, 6mm, 8mm, 12mm

SPC No.	Part No. and Description	Price
176X032	13691 Hex L-Key Set	$143.87 ea.

7-Piece SoftFinish SAE Nut Driver Set

➤ Round blades have deep drawn 1" sockets
➤ Handles have SoftFinish cushion grips

Nut Drivers: ³⁄₁₆", ¼", ⁵⁄₁₆", 11⁄₃₂", ⅜", ⁷⁄₁₆", ½"

SPC No.	Part No. and Description	Price
176X013	34193 SAE Nut Driver Set	$52.60 ea.

5-Piece SoftFinish Metric Nut Driver Set

➤ Blades are made of chrome-vanadium molybdenum tool steel
➤ SoftFinish cushion grip handles are ergonomically designed

Nut Drivers: 5mm, 6mm, 8mm, 10mm, 11mm

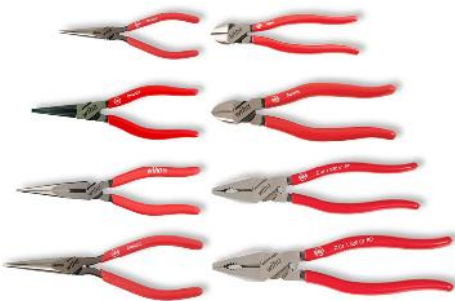| SPC No.	Part No. and Description	Price
176X841	34791 Metric Nut Driver Set	$53.49 ea.

7-Piece PicoFinish® Slotted/ Phillips Screwdriver Set

➤ PicoFinish hex profile finger grips ensure precise torque and control

4 Slotted Screwdrivers: 1.5-, 2-, 2.5-, 3.5mm
3 Phillips Screwdrivers: #00, #0, #1

SPC No.	Part No. and Description	Price
176X541	27392 Screwdriver Set	$51.76 ea.

7-Piece SoftFinish Slotted/ Phillips Screwdriver Set

➤ Chromtop tips are hardened for durability

4 Slotted Screwdrivers: 3.5-, 4-, 5.5-, 6.5mm
3 Phillips Screwdrivers: #1, #2, #3

SPC No.	Part No. and Description	Price
176X840	30278 Screwdriver Set	$50.43 ea.

6-Piece Precision Torx Screwdriver Set

➤ Built-in red spinner allows for easy rotation
➤ Precision black oxide tips give exact fit

Torx: T6, T7, T8, T9, T10, T15

SPC No.	Part No. and Description	Price
175X999	26790 Torx Screwdriver Set	$31.20 ea.

8-Piece SoftGrip Pliers and Cutters Set

➤ Forged C70 steel tools have 60 HRC induction hardened cutting edges and jaws

2 Lineman's Pliers, 6.3", 9" High Leverage Cutter, 8"
2 Long Nose Pliers, 6.3", 8" Flat Nose Pliers, 6.3"
Diagonal Cutter, 6.3 Round Nose Pliers, 6.3"

SPC No.	Part No. and Description	Price
176X179	32608 Pliers/Cutters Set	$144.43 ea.

Precision Metric/SAE Hex Screwdriver Sets

➤ Feature precision machined tips with chamfered ends and corrosion protective finish

Metric: 0.7-, 0.9-, 1.3-, 1.5-, 2.0-, 2.5-, 3.0mm
SAE: .028", .035", .050", ¹⁄₁₆", ⁵⁄₆₄", ³⁄₃₂", ⁷⁄₆₄", ⅛"

SPC No.	Part No. and Description	Price
175X100	26390 7-Piece Metric Hex Set	$27.35 ea.
175X102	26391 8-Piece SAE Hex Set	$31.31 ea.

MagicRing®

22-Piece Metric/SAE Ball End Hex L-Key Set

MagicRing Ball End Hex: ⅛", ⁹⁄₆₄", ⁵⁄₃₂", ³⁄₁₆", ⁷⁄₃₂", ¼", ⁵⁄₁₆", ⅜", 3mm, 4mm, 5mm, 6mm, 8mm, 10mm
Standard Ball End Hex: 0.05", ¹⁄₁₆", ⁵⁄₆₄", ³⁄₃₂", ⁷⁄₆₄", 1.5mm, 2mm, 2.5mm

SPC No.	Part No. and Description	Price
176X844	66992 Metric/SAE Set	$84.19 ea.
175X121	66990 Metric Ball End Set	$39.26 ea.
175X120	66991 SAE Ball End Set	$48.61 ea.

Tools

Metal storage box with latch

Master Tech Ratchet Bit Set

➤ 65-piece set features a 72-tooth reversible ratchet with thumb ring and ESD-safe handle
➤ Includes CVM tool steel bits, 4" extension and ¼" to 4 mm adapter

9 Slotted: .8mm to 4.0mm	6 Pentalobe: P1 to P6	8 Nut Setters Metric:
4 Phillips: #000 to #1	8 Hex Metric: .71mm to 4mm	2mm to 5mm
9 Torx: T3, to T15	8 Hex SAE: .050" to ⁵⁄₃₂"	8 Nut Setters SAE: ⁵⁄₆₄"-⁷⁄₃₂"

SPC No.	Part No. and Description	Price
176X962	75965 Master Tech Ratchet Bit Set, 65-Piece	$103.42 ea.

Reinforced plastic box

Master Torque Driver Set

➤ 59-piece set features three torque control handles with torques of 15-80 in/oz, 5-10 in/lb and 10-50 in/lb
➤ Audible click when preset torque is attained
➤ Has ¼" hex to ¼" square adapter

3 Slotted: 4mm to 6mm	2 PoziDriv: 1 and 2	3 Square: #1 to #3
3 Phillips: #0 to #3	7 Hex Metric: 1.5mm to 6mm	7 Sockets SAE: ⁵⁄₃₂" to ⅜"
10 Torx: T3, to T15	11 Hex SAE: .050" to ¼"	7 Sockets Metric: 4 to 8mm

SPC No.	Part No. and Description	Price
176X276	28589 Master Torque Bit Driver Set, 59-Piece	$445.96 ea.

Durable molded storage box

Security Insert Bit Set

➤ Dual material handle has molded in soft grip panels and a hole for hanging
➤ 39-Piece kit includes a magnetic bit holder and socket adapter

4 Tri-Wing: #1 to #4	6 Security Hex: ⁵⁄₆₄" to ⁵⁄₃₂"
4 Spanner: #4 to #10	3 Square: #1 to #3
8 Security Torx: T8 to T40	2 Slotted: 6mm & 8mm
3 Torq-Set: #6 to #10	2 Phillips: #1 & #2
4 Pozidrive: #0 to #3	

SPC No.	Part No. and Description	Price
175X600	71990 Insert Bit Set, 39-Pc.	$82.04 ea.

Case has a flip-top cover for easy access to bits
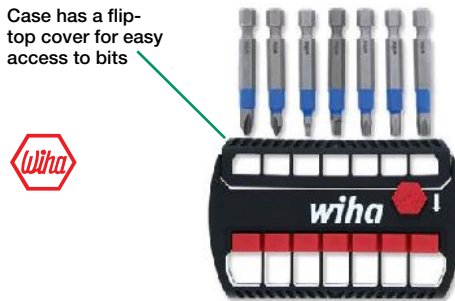
TerminatorBlue Impact Bit Set

➤ TerminatorBlue BitBuddy® set includes seven ¼" hex drive 2" power impact bits
➤ Heat treated bits made of CVM tool steel with precision machined tips for reduced cam-out and energy absorbing torsion

70298 Bits: Phillips #1, #2   Square #1, #2   Torx T20, T25, T30

SPC No.	Part No. and Description	Price
176X385	70298 Combo Set, 8-Pc.	$12.99 ea.

Indexed bit storage ring

Precision ESD-Safe Micro Screwdriver Sets

➤ Driver sets include ESD safe precision handle plus bits
➤ Indexed bit storage ring keeps bits secure and organized

75095 Bits: 4 Slotted 1.5mm to 3.0mm	3 Phillips #00 to #1	4 Hex Metric 0.9mm to 2.0mm
75094 Bits: 4 Slotted 1.5mm to 3.0mm	3 Phillips #00 to #1	4 Hex SAE .035" to ⅛"
75093 Bits: 4 Slotted 1.5mm to 3.0mm	3 Phillips #00 to #1	7 Torx T6 to T20

SPC No.	Part No. and Description	Price
176X945	75095 Slotted/Phillips/Metric Hex Screwdriver, 16-Piece	$26.72 ea.
176X944	75094 Slotted/Phillips/SAE Hex Screwdriver, 16-Piece	$26.72 ea.
176X943	75093 Slotted/Phillips/Torx Screwdriver, 16-Piece	$26.72 ea.

SoftFinish® handle grip

Stubby 6-in-1 Insert Bit Holder Screwdriver Sets

➤ Driver handle features cushion grip for maximum power and comfort
➤ Each driver comes with six bits and is ideal for confined spaces

38056 Bits: Hex SAE ⅛", ⁹⁄₆₄" ⁵⁄₃₂", ³⁄₁₆", ⁷⁄₃₂", ¼"
38047 Bits: Security Torx T8s, T10s, T15s, T20s, T25s, T30s
38043 Bits: Slotted 4.5mm, 6.5mm   Phillips #1, #2   Pozidrive #1, #2

SPC No.	Part No. and Description	Price
176X193	38056 Ball End Hex SAE 6-in-1 Stubby Bit Holder	$30.30 ea.
176X192	38047 Security Torx 6-in-1 Stubby Bit Holder	$26.72 ea.
176X190	38043 Slotted/Phillips/Pozidrive 6-in-1 Stubby Bit Holder	$20.46 ea.

Tool Kits

Kit contains a complete selection of both SAE and metric tools

4" of diced foam below bottom pallet cushions delicate equipment

SPC95 Inch & Metric Field Service Tool Kits

➤ Kit is designed for the service technician who works on a wide variety of equipment and includes the most common fastening tools

➤ Winged pallet design makes the tools readily accessible

SPC No.	Description	Price
SPC95C	Luggage Cart Tool Kit (17½" x 14½" x 10")	1-5, $1474.00 ea.; 6-up, $1401.00 ea.
SPC95	Roto-Rugged Tool Kit (17½" x 14½" x 9")	1-5, $1181.00 ea.; 6-up, $1122.00 ea.
SPC95MLB	Mil-Style Tool Kit (17½" x 14 x 9")	1-5, $1243.00 ea.; 6-up, $1181.00 ea.

SPC95 Kit

SP95MLB Kit

SPC95 Tools List

10-Spline Key Set (.033"-.110")	Pocket Pack/Solder
Combination Crimp Tool	3 Contact Burnishers
Inspection Mirror	Precision Knife
SAE/Metric Ball-End Hex Sets	Desoldering Tool
SAE/Metric Combo Wrench Set	Electrician's Scissors
Bench-Type Brush, Soft	Hemostat, Straight, 6"
2 Alignment Tools	2 Adjustable Wrenches, 4", 8"
2 Pin & 1 Center Punches	Soldering Iron, 25-Watt
Hand Reamer, ⅛"-⅜"	7 Pliers, Chain Nose, Utility,
Ball Peen Hammer, 4-Ounce	Long Nose, Vise Grip, Retain
Screw Starting Screwdriver	ing Ring, 2 Diagonal Cutting
2 Wire Strippers, 10-18 and	2 Blade Handles
22-32 AWG	SAE/Metric Nut Driver Blades
Receptacle Analyzer	Phillips/Slot Screwdriver Blades
Combo Spring Hook Tool	6 Torx Drivers (T10-T30)

SPCToolKits

Kit includes cushion-grip screwdrivers and nut drivers

Extra storage space under the bottom pallet

SPC82 Professional Field Service Tool Kits

➤ Kit reflects a professional complement of versatile tools for use by engineers across multiple industries

➤ Tools come organized in three unique case styles

SPC No.	Description	Price
SPC82RD	Roto-Classic Tool Kit (17½" x 12½" x 8½")	1-5, $1046.00 ea.; 6-up, $994.00 ea.
SPC82BP	Backpack Tool Kit (18" x 16" x 6")	1-5, $758.00 ea.; 6-up, $721.00 ea.
SPC82C	Luggage Cart Tool Kit (18" x 14½" x 8")	1-5, $1242.00 ea.; 6-up, $1180.00 ea.

SPC82BP Kit

SPC82C Kit

SPC82 Tools List

4 Cushion-Grip Slot Screwdrivers	Center Punch, ⁵⁄₆₄"
3 Cushion-Grip Phillips Screwdrivers	2 Pin Punches, ¹⁄₁₆" and ⅛"
5 Cushion-Grip Nut Drivers	Reverse-Action Tweezer
Long Nose with Cutter, 6"	Screw Holding Screwdriver
Diagonal Flush Cutting Pliers, 5"	Wire Stripper and Crimper
Cutter with Strip Notch, 5"	Machinist's Scriber
Torx Foldup Key Set, 8-Piece	Ball Peen Hammer, 4-Ounce
Leatherman Pocket Survival Tool	Precision Knife, #1
Ball End Driver Set, 13-Piece	2 Adjustable Wenches, 4" & 8"
Electrician's Ergonomic D-Snips	Sharp Wire Spudger
Precision Slotted/Phillips Screwdriver Set, 7-Piece	Alignment Tool, Duplex
2-Cell AA Industrial Flashlight	Miniature Wench Set, SAE
Metal Rule, 6"	T6 Stripper
Utility Plier, 10"	Tape Measure, 16'
	Lg. Circular Telescoping Mirror

Kit includes SAE and metric Xcelite 99® Series blades

Pallets are custom designed specifically for kit contents

SPC701 Technician Maintenance Tool Kits

➤ Kit features the tools electronic service professionals need

➤ AC waterproof kit has configurable metal dividers in case bottom

➤ Three tool case styles to choose from

SPC No.	Description	Price
SPC701R	Roto-Classic Tool Kit (17¾" x 12½" x 8")	1-5, $844.00 ea.; 6-up, $802.00 ea.
SPC701BP	Backpack Tool Kit (18" x 16" x 6")	1-5, $738.00 ea.; 6-up, $702.00 ea.
SPC701AC	Waterproof Tool Kit (18½" x 13¾" x 7¾")	1-5, $839.00 ea.; 6-up, $798.00 ea.

SPC701BP Kit

SPC701AC Kit

SPC701 Tools List

Utility Pliers, 6.5"	Flat Nose Pliers, 5.5"
Diagonal Cutter, 4"	Long Nose Vise Grips, 6"
2 Needle Nose Pliers, 5", 5.5"	Jacktest+
Offset Combination Screwdriver	AA Mini Maglite w/Batteries
Flush Diagonal Cutter, 5"	RG6/59 Coax Wire Stripper
99 Series Handle and 4" Extension	Wire Stripper, 16-26 AWG
SAE/Metric Nut Driver Blades	Crimp/Strip Tool, 10-22 AWG
Phillips/Slot Screwdriver Blades	Slot Screwdriver, ⅛" x 3"
SAE/Metric Ball-End Hex Sets	Slot Screwdriver, ³⁄₁₆" x 3"
2 Adjustable Wrenches, 4" & 8"	Slot Screwdriver, ¼" x 1½"
Slim Line Pliers	Slot Screwdriver, ¼" x 4"
Piano Wire Cutters	Phillips Screwdriver, #0 x 4"
Long Nose Pliers, 5"	Phillips Screwdriver, #1 x 3"
Needle Nose Pliers, 6"	Phillips Screwdriver, #2 x 1½"

Tradesman Pro™ tool bag backpack has 35 pockets of varying sizes to organize tools

SPCToolKits

SPC370 Data Service and Repair Kit

➤ Test equipment, tools and supplies for data service and repair techs
➤ Backpack is made of 1680d ballistic weave material

SPC No.	Description	Price
SPC370	9" Mil-Style Case Kit	1-5, $887.00 ea.; 6-up, $843.00 ea.

SPC370 Tool Kit Contents		
Slip Joint Pliers, 6"	UTP/STP Stripper/Cutter	Punchdown Tool, 110/66 Blade
Diagonal Pliers, 6½"	Ball Driver Hex Keys, 5/64"-3/16"	Adjustable Wrenches, 6"
Long Nose D Pliers, 7"	Ball Driver Hex Keys, 1.5-5mm	Wire Stripper, 16-26 AWG
Driver's Gloves, Medium	AAA Penlight	Slot Screwdriver, 3/16" x 3"
Tape Measure, ¾" x 16'	Mini Maglight w/Batteries	Slot Screwdriver, ¼" x 1½"
Electrician's Scissors	Locking Pliers, 5"	Slot Screwdriver, ¼" x 4"
Screw Starter, Slot/Phillips	Phone Line Modular Adapter	Slot Screwdriver, 5/16" x 6"
Precision Knife	Tone and Probe Kit	Phillips Screwdriver, #1 x 3"
Sidekick Multi-Tool	Fish Tape, 50'	Phillips Screwdriver, #2 x 1½"
Piano Wire Cutters	Circuit Tester	Phillips Screwdriver, #2 x 4"
Needle Nose Pliers, 6"	RJ45/RJ11 Single Ended Tester	7 Nut Drivers, 3/16", ¼", 5/16", 11/32",
10 Ignition Wrenches, 5/32" - 7/16"	RJ45/RJ11 Modular Crimp Tool	3/8", 7/16", ½"
Assorted Cable Ties	Cat5E Modular Plugs, 50/Pk.	

Cementex
The Safety Tool Specialists

1000 VOLT

24-Piece Battery Technician Insulated Tool Kit

➤ Cementex double-insulated tools are tested to 10,000 V ac and rated for 1000 V ac when working on live parts
➤ Tools are organized in a durable 20" tool box

SPC No.	Part No. and Description	Price
278X905	ITS-24BTK Battery Technician Insulated Tool Kit, 24-Pc	$1490.10 ea.

ITS-24BTK Tool Kit Contents	
Phillips Screwdriver, #2 x 6"	2 3/8" Square Drive Extensions, 3" and 6"
Cabinet Tip Screwdriver, 3/16" x 6"	3 3/8" Square Drive Sockets, 7/16", ½", 9/16"
2 Nut Drivers, ¼" x 6", 5/16" x 6"	3 3/8" Square Drive Deep Sockets, 7/16", ½", 9/16"
3 Open End Wrenches, 7/16", ½", 9/16"	3/8" Square Drive 12-Pt. Socket, 5/16"
3 Geared Box End Wrenches, 7/16", ½", 9/16"	3/8" Square Drive 12-Pt. Socket, 10mm
Geared Box End Wrench, 10mm	3/8" Square Drive Torque Wrench, 30-200 In-lb
3/8" Square Drive Reversible Ratchet	

SPC PPE

Full-cut chemical resistant apron provides effective protection when working with chemical processing and in industrial maintenance.

SPC747 PPE Battery Acid Spill Kit

➤ Personal protective equipment for battery acid hazards
➤ Full brim hard hat comes with a clear PC face shield
➤ Large 12" double dipped neoprene gloves protect hands

SPC No.	Description	Price
SPC747	PPE Battery Acid Spill Kit	1-5, $99.00 ea.; 6-up, $95.00 ea.

TOOLS

Specialized Products offers quality tools for all industries including fiber, utility, telecom, construction, electrical and more. The tools a field service technician carries often determines if the job can be completed efficiently. That is why we are proud to offer a deep selection of tools from manufacturers known for excellence.

We carry sockets and wrenches made by Gear Wrench, Crescent, Jonard Tools and Klein Tools. We offer Leatherman multi-tools and drivers from Spectris Tool, Megapro, Chapman, Wiha and Platinum Tools. Hand tools from Ideal, Vise-Grip, Milbar and Channellock hold, cut, strip and crimp any smaller wire or cable. And when large cable needs arise, we carry BURNDY and T&B, the leading manufacturers in the telecommunication cable tools industry. They make high-quality wire and cable connection products including manual and hydraulic compression crimpers and cutters, crimper dies, H/C taps and compression lugs.

Specialized Products has long been known for our tool kits. We take care to offer tool kits that include these industry standard tools, which we select and assemble into tool kits for specific purposes. Our tool kits are made for technicians, field engineers, site managers and general contractors whether the work involves a wide variety of maintenance settings or more specialized applications like in-house computer and office equipment repair.

Sockets & Wrenches, Multi-Tools and Drivers

Gear Wrench and Crescent make socket and wrench sets plus combination wrench sets for mechanical work. Leatherman multi-tools are known industry wide as the tool that does it all. Screwdrivers and nut drivers are available individually, in sets and as multi-bit and multi-blade tools.

SEE PAGES 142-147

Pliers, Cable & Wire Cutters, Strippers and Crimpers

These hand tools hold wire and screws in place. They cut, strip and crimp wire and cable. Many of the tools offered do a combination of these tasks.
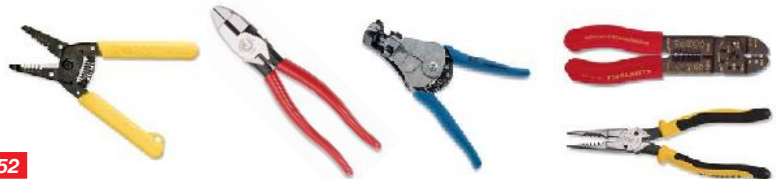
SEE PAGES 148-152

Power Tools

The power tool selection includes cordless drills and screwdrivers, drill bits and knock-out kits. We also offer ESD-safe electronic vacuum systems, heat guns and heat shrink kits.

SEE PAGES 153-155

Telecom Cable Tools

Burndy and Thomas & Betts lines of telecom cable tools are industry standards. Choose from mechanical, hydraulic and power-assisted crimp tools as well as a wide selection of crimp dies, lugs, H-taps and C-taps.

SEE PAGES 156-165

Tool Kits

Specialized Products has long been known for our tool kits. We take care to offer tool kits with the industry's finest tools, which we select and assemble into tool kits for specific purposes. Our tool kits are made for technicians, field engineers, site managers and general contractors whether the work involves a wide range of maintenance or specialized application.

SEE PAGES 166-168

Sockets & Wrenches

14-Piece ¼" Drive Metric Socket Set
➤ 72-teeth reversible ratchet offers greater torque
➤ Go-through sockets allow the same socket to be used in six different geometries including as a long socket or narrow profile socket

11 Go-Through ¼" Spline Sockets (4.5 mm - 13 mm), Ratchet, Extension, Adapter

SPC No.	Part No.	Description	Price
130X140	4701GT	Metric Socket Set	1-5, $82.06 ea.; 6-up, $77.96 ea.

14-Piece ⅜" Drive Metric Socket Set
➤ Go-through sockets allow the same socket to be used in six different geometries including as a long socket or narrow profile socket
➤ 72-teeth reversible ratchet offers greater torque

URREA

11 Go-Through ⅜" Spline Sockets (8 mm - 19 mm), Ratchet, Extension, Adapter

SPC No.	Part No.	Description	Price
130X155	5201GT	Metric Socket Set	1-5, $103.34 ea.; 6-up, $98.17 ea.

URREA

30-Piece ¼" Drive SAE/Metric 6-Point Socket Set
➤ 6-point sockets are ideal for a wide variety of jobs
➤ Tools are organized in a molded plastic tool box
➤ Tools are chrome plated to resist corrosion

13 6-Pt. SAE Sockets (⁵⁄₃₂", ³⁄₁₆", ⁷⁄₃₂", ¼", ⁹⁄₃₂", ⁵⁄₁₆", ¹¹⁄₃₂", ⅜", ¹³⁄₃₂", ⁷⁄₁₆", ¹⁵⁄₃₂", ½",⁹⁄₁₆"), 14 6-Pt. Metric Sockets (4, 4.5, 5, 5.5, 6, 6.5, 7, 8, 9, 10, 11, 12, 13, 14 mm), Ratchet, 3" Extension, ¼" Sliding Bar

SPC No.	Part No.	Description	Price
130X006	4700CB	Metric/SAE Socket Set	1-5, $66.38 ea.; 6-up, $63.06 ea.

33-Piece ⅜" Drive SAE/Metric 12-Point Socket Set
➤ 12-point sockets offer high-strength properties
➤ Tools are chrome plated to resist corrosion
➤ Tools are organized in a molded plastic tool box

13 12-Pt SAE Sockets (¼", ⁹⁄₃₂", ⁵⁄₁₆", ¹¹⁄₃₂", ⅜", ⁷⁄₁₆", ½", ⁹⁄₁₆", ⅝", ¹¹⁄₁₆", ¾", ¹³⁄₁₆", ⅞"), 15 12-Pt Metric Sockets (6 mm - 21 mm), Ratchet, 3" and 6" Extensions, Universal Joint, Sliding T-Handle

SPC No.	Part No.	Description	Price
130X150	5200CB	Metric/SAE Socket Set	1-5, $102.78 ea.; 6-up, $97.64 ea.

URREA

99-Piece SAE/Metric Socket Set
➤ Contains the tools needed for a wide variety of repair, maintenance and assembly applications
➤ Combines standard and deep sockets in ¼", ⅜", and ½" drive sizes

¼" Dr 6/12-Pt Std/Deep SAE/Metric Sockets, ¼" Dr Ratchet, 3" & 6" Extensions
⅜" Dr 6/12-Pt Std/Deep SAE/Metric Sockets, ⅜" Dr Ratchet, 3" & 6" Extensions
½" Dr 12-Pt Std SAE Sockets, ½" Dr Ratchet, 3" & 6" Extensions, ½" Female to ⅜" Male Adapter
2 Screwdrivers, Universal Joint, Sliding T-Handle, 2 ⅜" Drive Sockets for ⅝" and ¹³⁄₁₆" Spark Plugs

SPC No.	Part No.	Description	Price
130X160	5447PA	SAE/Metric Socket Set	1-5, $438.42 ea.; 6-up, $416.50 ea.

Wide-Capacity Adjustable Wrenches

➤ Use on larger fasteners in heavy-duty applications
➤ Chrome-plated polished heads and measurement marks on jaws
➤ Knurls adjust easily and tension springs stabilize jaws

SPC No.	Part No. and Description	Price
940X004	AR-AH-4 4" Wrench, ½" Jaw	1-11, $17.29 ea.; 12-up, $16.42 ea.
940X006	AR-AH-6 6" Wrench, ¹⁵⁄₁₆" Jaw	1-11, $17.29 ea.; 12-up, $16.42 ea.
940X008	AR-AH-8 8" Wrench,1⅛" Jaw	1-11, $21.31 ea.; 12-up, $20.25 ea.

Adjustable Wrenches

➤ Steel chrome-plated heads have English and metric scales on jaws
➤ Extra-wide jaws, precision knurled gear and vinyl-dipped handles

SPC No.	Part No. and Description	Price
054X794	AW-4 4" Wrench, ½" Jaw	1-11, $11.95 ea.; 12-up, $11.35 ea.
054X801	AW-6 6" Wrench, ¹⁵⁄₁₆" Jaw	1-11, $13.95 ea.; 12-up, $13.25 ea.
054X796	AW-15 15" Wrench, 1½" Jaw	1-11, $35.95 ea.; 12-up, $34.15 ea.
054X798	AW-18 18" Wrench, 2" Jaw	1-11, $56.95 ea.; 12-up, $54.10 ea.

11-Piece 12-Point Combination Wrench Sets

➤ Open and box ends have precision machined jaws for perfect bolt or nut engagement and lobular design allows for a 30° recovery angle
➤ UGS System distributes force to three points when torque is applied to reduce stress on edges and helps when edges are stripped

1200CA: 11 12-Point Combination Wrenches (¼",⁵⁄₁₆", ⅜", ⁷⁄₁₆", ½" ⁹⁄₁₆", ⅝", ¹¹⁄₁₆", ¾", ¹³⁄₁₆", ⅞")
1200CMA: 11 12-Point Combination Wrenches (7, 8, 9, 10, 11, 12, 13, 14, 17, 19, 21 mm)

SPC No.	Part No. and Description	Price
130X100	1200CA SAE Wrench Set	1-5, $126.70 ea.; 6-up, $120.37 ea.
130X105	1200CMA Metric Wrench Set	1-5, $111.40 ea.; 6-up, $105.83 ea.

Stubby Speed Wrenches

➤ Choose an open-end or a 12-point ratcheting box-end
➤ Double-ended stubby 4" wrenches are ⁷⁄₁₆" at both ends for use on F connectors with head angled at 15° to ease access

SPC No.	Part No. and Description	Price
054X143	ASWS-716 Angled ⁷⁄₁₆"	1-11, $10.95 ea.; 12-up, $10.40 ea.
054X144	ASWS-R716 Ratcheting ⁷⁄₁₆"	1-11, $17.95 ea.; 12-up, $17.05 ea.

Speed Wrenches

➤ Wrenches are double ended with a 15° angled head for easy use
➤ Combo wrenches have an open end and 12-pt. ratcheting box-end

SPC No.	Part No. and Description	Price
054X161	ASW-716 Angled ⁷⁄₁₆"	$10.95 ea.
054X159	ASW-12 Angled ½"	$10.95 ea.
054X165	ASW-7916 Double End ⁷⁄₁₆" & ⁹⁄₁₆"	1-9, $14.95 ea.; 10-up, $14.20 ea.
054X142	ASW-R716 Ratcheting Combo ⁷⁄₁₆"	1-11, $17.95 ea.; 12-up, $17.05 ea.
054X140	ASW-R12 Ratcheting Combo ⁹⁄₁₆"	1-11, $17.95 ea.; 12-up, $17.05 ea.

15-Piece 12-Point Combination Wrench Sets

➤ Use super drive spline bit to service high tensile strength fasteners
➤ Satin finish increases corrosion resistance and grip is slip-resistant
➤ 12-points of contact offer high-strength properties to knurled head

1200FA: 15 Wrenches (⁵⁄₁₆", ⅜", ⁷⁄₁₆", ½" ⁹⁄₁₆", ⅝", ¹¹⁄₁₆", ¾", ¹³⁄₁₆", ⅞", ¹⁵⁄₁₆", 1" 1⅛", 1⅛", 1³⁄₁₆", 1¼")
1200FMA: 15 Wrenches (7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21 mm)

SPC No.	Part No. and Description	Price
130X110	1200FA SAE Wrench Set	1-5, $248.56 ea.; 6-up, $236.13 ea.
130X120	1200FMA Metric Wrench Set	1-5, $163.04 ea.; 6-up, $154.89 ea.

Drivers

Magnetic tip

PP & TPV chemical resistant handle

Anti-roll, non-slip grip

Use hex bolster with a wrench for max torque

Hanger hole can transform screwdriver into a T-handle for additional torque

Tip size is marked on handle end for easy identification

SPC Number	Part Number	Blade Size	Type	Price Each 1-11	Price Each 12-up
940X100	STR-183	⅛" x 3"	Slotted	$2.84	$2.56
940X105	STR-186	⅛" x 6"	Slotted	$3.32	$2.99
940X110	STR-3163H*	3/16" x 3"	Slotted	$4.64	$4.18
940X115	STR-141	¼" x 1 ½"	Slotted	$4.16	$3.74
940X120	STR-144H*	¼" x 4"	Slotted	$5.76	$5.18
940X125	STR-146H*	¼" x 6"	Slotted	$6.00	$5.40
940X130	STR-5166H*	5/16" x 6"	Slotted	$8.48	$7.63
940X135	STX-04	#0 x 4"	Phillips	$2.96	$2.66
940X140	STX-13H*	#1 x 3"	Phillips	$4.64	$4.18
940X145	STX-16	#1 x 6"	Phillips	$4.40	$3.96
940X150	STX-21	#2 x 1 ½"	Phillips	$4.16	$3.74
940X155	STX-24H*	#2 x 4"	Phillips	$5.76	$5.18
940X160	STX-26H*	#2 x 6"	Phillips	$6.00	$5.40
940X165	STX-36H*	#3 x 6"	Phillips	$8.48	$7.63

*Features Hex Bolster

Spectris Tool Screwdrivers
➤ Screwdrivers meet DIN, ISO and ANSI standards
➤ Blades are made of high quality SVCM alloy steel
➤ High torque coefficient prevents breaking when stressed

SPECTRIS TOOL®

RP7P, RP7S and RP8C each come in a tool roll with divided pockets and adjustable strap.

Spectris Tool Screwdriver Sets
➤ Smaller sets include the most popular screwdriver sizes and come in the tool roll pictured above
➤ Master set includes all 14 drivers packaged in a box

SPC No.	Part No. and Description	Price
940X220	RP7S 7-Pc Slotted Set	1-11, $39.00 ea.; 12-up, $35.10 ea.
940X210	RP7P 7-Pc Phillips Set	1-11, $39.00 ea.; 12-up, $35.10 ea.
940X200	RP8C 8-Pc Combo Set	1-11, $48.50 ea.; 12-up, $44.00 ea.
940X230	RP14M 14-Pc Master Set	1-11, $79.00 ea.; 12-up, $70.50 ea.

Spectris Screwdriver Set Contents			
RP7S	RP7P	RP8C	RP14M
⅛" x 3", ⅛" x 6", 3/16" x 3", ¼" x 1½", ¼" x 4", ¼" x 6", 5/16" x 6"	#0 x 4", #1 x 3", #1 x 6", #2 x 1½", #2 x 4", #2 x 6", #3 x 6"	3/16" x 3", ¼" x 4", ¼" x 6", 5/16" x 6", #1 x 3", #2 x 4", #2 x 6", #3 x 6"	⅛" x 3", ⅛" x 6", 3/16" x 3", ¼" x 1½", ¼" x 4", ¼" x 6", 5/16" x 6", #0 x 4", #1 x 3", #1 x 6", #2 x 1½", #2 x 4", #2 x 6", #3 x 6"

MEGAPRO®

Megapro® Multi-Bit Screwdrivers
➤ EZ-Guide™ collar lets ¼" hex driver shaft rotate smoothly
➤ Retractable Bit Cartridge™ gives easy access to bits
➤ Palm Saver Cap™ is large and stationary for comfort while using

SPC No.	Part No. and Description	Price
075X250	151NAS Original Multi-Bit Screwdriver	$27.26 ea.
075X123	151SS Stainless Steel Multi-Bit Screwdriver	$35.48 ea.
075X136	151TP Tamperproof Multi-Bit Screwdriver	$38.86 ea.
075X394	211R2C36RD Ratcheting Multi-Bit Screwdriver	$46.72 ea.

Megapro Multi-Bit Screwdriver Bit Loads			
151NAS	151SS	151TP	211R2C36RD
Standard Screwdriver	Stainless Steel Screwdriver	Tamperproof Screwdriver	Ratchet Screwdriver w/28 Teeth and 225 in/lb Torque
Flat (Slot) Bit 4-6	Flat (Slot) Bit 4-6	Hex Pin (Allen) Bit ⅛"-5/64" Tamperproof	Flat (Slot) Bit 4-6
Phillips Bit 0-3	Phillips Bit 0-3	Hex Pin (Allen) Bit 5/32"-3/16" Tamperproof	Phillips Bit 0-3
Phillips Bit 1-2	Phillips Bit 1-2	Spanner Bit 6-8 TP	Phillips Bit 1-2
Square (Robertson) Bit 0-3	Square (Robertson) Bit 0-3	Spanner Bit 10-12 TP	Square (Robertson) Bit 1-2
Square (Robertson) Bit 1-2	Square (Robertson) Bit 1-2	Star Pin (Torx) Bit 10-15 TP	Star (Torx) Bit 10-15
Star (Torx) Bit 10-15	Star (Torx) Bit 10-15	Star Pin (Torx) Bit 20-25 TP	Star (Torx) Bit 20-25
Star (Torx) Bit 20-25	Star (Torx) Bit 20-25	Star Pin (Torx) Bit 27-30 TP	

Drivers

Wadsworth Falls Made in USA

18-Piece Mini Ratchet Set

➤ The 4⁹⁄₁₆" super-mini ratchet delivers 400 in/lb of torque
➤ Set includes a 4⁹⁄₁₆" extension
➤ 14 bits secured in a bit caddy include 6 SAE hex bits, 5 slot screw bits, 2 Phillips bits and a ¼" socket adapter

SPC No.	Part No. and Description	Price
918X136	Set 6 Mini Ratchet Set	1-9, $89.47 ea.; 10-up, $87.24 ea.

44-Piece Mini Ratchet Set

➤ Set includes 4⁹⁄₁₆" super-mini ratchet, screwdriver handle, 4⁹⁄₁₆" extension and bit end cap
➤ Included bits are 12 SAE hex, 8 metric hex, 9 slot, 5 Phillips, a reed/prince & ¼" socket adapter

SPC No.	Part No. and Description	Price
918X113	Deluxe Set 3 Mini Ratchet Set	1-9, $149.75 ea.; 10-up, $146.00 ea.

English/Metric Screwdriver Kit

THE Chapman MFG. company

➤ Speedy one-hand selection of parts
➤ Includes midget ratchet, extension, screwdriver handle and ¼" adapter
➤ Bits included are 11 standard and 7 metric Allen hex bits plus 3 slotted and 2 Phillips screwdriver bits

SPC No.	Part No. and Description	Price
022X733	7331 27-Piece Screwdriver Kit	1-9, $45.75 ea.; 10-up, $43.46 ea.

PLATINUM TOOLS

8-in-1 Ratchet Stubby Screwdriver and Security Bit Set

➤ 8-in-1 ratcheting stubby screwdriver with non-slip grip has 6 bits in handle including Phillips, slot, torx and ¼" nut driver
➤ Compatible bits in the set include 8 tamper-proof Torx, 11 tamper-proof hex, 4 spanner, 4 tri-wing, 3 torq-set and a ¼" drive adapter

SPC No.	Part No. and Description	Price
168X226	19120C 8-in-1 Screwdriver	$14.57 ea.
168X228	19130C 30-Piece Bit Set	$31.01 ea.

Wiha

TorqueVario®-S Drivers

➤ Precise torque provided through ergonomic multi-component handle
➤ Feature audible click and integrated window that displays torque

SPC No.	Part No. and Description	Price
176X200	28501 TorqueVario-S, 15-80 inch/ounces	$119.14 ea.
176X202	28502 TorqueVario-S, 5-10 inch/pounds	$119.14 ea.
176X204	28404 TorqueVario-S, 5-18 inch/pounds	$128.54 ea.
176X060	28408 TorqueVario-S, 18-62 inch/pounds	$144.80 ea.

36-Piece Mini Ratchet Set

➤ The 3¾" super-mini ratchet delivers 400 in/lb of torque
➤ Set includes screwdriver handle, 3¾" extension and bit end cap
➤ Bits are 9 hex, 6 torx, 5 slotted, 5 metric, 2 Phillips and 1 reed/prince

SPC No.	Part No. and Description	Price
918X101	Set 1 Mini Ratchet Set	1-9, $95.69 ea.; 10-up, $93.30 ea.

52-Piece Mini Ratchet Set

Made in USA

➤ Includes 4⁹⁄₁₆" super-mini ratchet and extension, handle and bit end cap
➤ Contains the bits in Set 3 plus 8 torx (6 spline) bits

SPC No.	Part No.	Price
918X124	Super Deluxe Set 4	$157.47 ea.

Ratcheting Master Screwdriver Set

THE Chapman MFG. company

➤ Includes midget ratchet, extension, screwdriver handle and ¼" adapter
➤ Kit has 51 hardened steel ¼" insert bits
➤ Bits include slotted and Phillips screwdriver bits, metric and SAE hex bits, Robertson, Bristol and Torx bits

SPC No.	Part No. and Desc.	Price
022X575	5575 56-Piece Set	$121.00 ea.

Wiha

TerminatorBlue Impact Bit Set

➤ TerminatorBlue BitBuddy® set includes seven ¼" hex drive 2" power impact bits
➤ Heat treated CVM tool steel bits have precision machined tips for reduced cam-out and energy absorbing torsion

SPC No.	Part No.	Desc.	Price
176X385	70298	Set	$12.99 ea.

Wiha

Master Tech Ratchet Bit Set

➤ 65-piece set features a 72-tooth reversible ratchet with thumb ring and ESD-safe handle
➤ Includes CVM tool steel bits, extension & adapter

SPC No.	Part No.	Price
176X962	75965	$103.42 ea.

Drivers

Spectris Tool Nut Drivers and Sets

➤ Feature hollow shafts, dual-component handles and hanger holes for torque

➤ Hex sizes are etched on the shaft and stamped on the handle end

➤ Available individually or in three different sets — an SAE set, a metric set and a master set of all 14 nut drivers

SPECTRIS TOOL®

SPC Number	Part Number	Blade Size	Type	Price Each 1-11	12-up
940X171	STN-6	3/16"	SAE	$6.64	$5.98
940X172	STN-8	1/4"	SAE	$6.64	$5.98
940X173	STN-10	5/16"	SAE	$6.64	$5.98
940X174	STN-11	11/32"	SAE	$6.64	$5.98
940X175	STN-12	3/8"	SAE	$7.52	$6.77
940X176	STN-14	7/16"	SAE	$7.52	$6.77
940X177	STN-16	1/2"	SAE	$8.64	$7.78
940X178	STM-5MM	5 mm	Metric	$6.64	$5.98
940X179	STM-6MM	6 mm	Metric	$6.64	$5.98
940X180	STM-7MM	7 mm	Metric	$6.64	$5.98
940X181	STM-8MM	8 mm	Metric	$6.64	$5.98
940X182	STM-10MM	10 mm	Metric	$7.52	$6.77
940X183	STM-11MM	11 mm	Metric	$7.52	$6.77
940X184	STM-12MM	12 mm	Metric	$8.64	$7.78
940X231	RP7SND	7-Pc SAE Set		$49.00	$44.50
940X232	RP7MND	7-Pc Metric Set		$49.00	$44.50
940X233	RP14SMND	14-Piece Set		$97.00	$87.50

Multi-Bit Drivers

➤ Heavy duty cushion-grip handles give greater torque and comfort

➤ 11-in-1 driver has Phillips, slotted, TORX, square and nut driver bits

SPC No.	Part No. and Description	Price
060X570	32500 11-in-1 Driver	1-11, $21.53 ea.; 12-up, $20.45 ea.
060X178	32800 6-in-1 Nut Driver, 3/16"-5/16"	1-11, $32.97 ea.; 12-up, $31.32 ea.

32-Piece Magnetic Screwdriver Set

➤ Sturdy magnet secures bits & screws in place

➤ Includes tamperproof, TORX®, SAE & metric hex, spanner, Tri-Wing® and TORQ-SET® bits plus 1/4" square to 1/4" hex adapter for sockets

SPC No.	Part No. and Description	Price
060X572	32510 Magnetic Screwdriver Set	1-11, $34.28 ea.; 12-up, $32.57 ea.

7-Piece Cushion-Grip Screwdriver Set

➤ Drivers have Tip-Ident® for quick ID of type and tip orientation

➤ Set includes 3 cabinet-tip, 2 keystone-tip and 2 Phillips-tip drivers

➤ Amber plastic handles have black rubber cushion grips

SPC No.	Part No. and Description	Price
060X983	85076 Cushion-Grip Screwdriver Set	1-5, $65.70 ea.; 6-up, $62.42 ea.

Tip-Ident® color-coded ends for quick ID

7-Piece Cushion-Grip Nut Driver Sets

➤ 3" hollow-shafts have recessed chrome-plated steel hex heads

➤ Amber plastic handles have black rubber cushion grips

SPC No.	Part No. and Description	Price
060X310	631 SAE Nut Driver Set, 3/16"-1/2"	1-5, $64.22 ea.; 6-up, $61.01 ea.
060X312	65160 Metric Set, 5-10 mm	1-5, $59.16 ea.; 6-up, $56.20 ea.

Precision 7-Piece Electronics Screwdriver Sets

➤ Sets have 3 Phillips (00, 0 and 1) and 4 slotted (1.5, 2, 2.5, 3.5 mm)

➤ Set 26190 adds a pair of needle nose pliers

SPC No.	Part No./Description	Price
175X998	26190 7-Pc Set	$41.19 ea.
176X541	27392 ESD-Safe Set	$51.76 ea.

Precision Torx® Set

➤ CVM steel blades with precision machined tips

➤ Built-in red spinner tops rotate drivers easily in either direction

➤ Set includes six Torx drivers sizes T6, T7, T8, T9, T10 and T15

SPC No.	Part No. and Description	Price
175X999	26790 6-Piece Precision Torx Set	$31.20 ea.

Ball End L-Wrench Sets

➤ Unique ball ends insert into screws at a 25° angle

➤ Made from heat treated Protanium® steel

➤ Cases have individually marked storage slots

BONDHUS

SPC No.	Part No. and Description	Price
175X927	10937 13-Pc. SAE Set, .050"-3/8"	1-11, $24.47 ea.; 12-up, $23.24 ea.
175X990	10999 9-Pc. Metric Set, 1.5-10mm	1-11, $19.87 ea.; 12-up, $18.87 ea.

Sidekick® Multi-Tool

➤ Handy 15-in-1 multi-tool is made of light-weight stainless steel

➤ Outside accessible blades allow for one-handed opening of the knife

➤ Features rounded handle, spring-action jaw, lanyard ring and removable pocket clip

SPC No.	Part No. and Description	Price
137X355	831429 Sidekick	$69.95 ea.

Tools: Spring-action Needlenose Pliers, Spring-action Regular Pliers, Spring-action Wire Cutters, 420HC Knife, 420HC Serrated Knife, Wood/Metal File, Saw, Small Screwdriver, Medium Screwdriver, Phillips Screwdriver, Ruler (1.5"), Bottle Opener, Can Opener, Wire Stripper, Hex Bit Driver, Lanyard Ring, Removable Pocket Clip, Leather Sleeve

REBAR™ Multi-Tool

➤ REBAR multi-tool with 17 tools features full-sized pliers for more power and torque

➤ Removable wire cutter inserts allow repair and sharpening on-the-spot with tool file

➤ Comfort grip handles have rolled edges and cut-outs give easy access to tools

SPC No.	Part No. and Description	Price
137X360	831548 REBAR	$79.95 ea.

Tools: Needlenose Pliers, Regular Pliers, Premium Steel Replaceable Wire Cutters, Premium Steel Replaceable Hard-Wire Cutters, Electrical Crimper, 420HC Knife, 420HC Serrated Knife, Wood/Metal File, Saw, Small Screwdriver, Large Screwdriver, Phillips Screwdriver, Awl w/Thread Loop, 8" Ruler, Bottle Opener, Can Opener, Wire Stripper, Lanyard Ring

Wave®+ Multi-Tool

➤ With 18 tools Wave+ adds replaceable wire cutters to the international best seller

➤ Outside accessible blades can be deployed with one hand

➤ Features larger knives, stronger pliers, longer wire cutters and all-locking blades

SPC No.	Part No. and Description	Price
137X362	832531 Wave+	$119.95 ea.

Tools: 420HC Stainless Steel Clip-Point Knife, Replaceable Wire Cutters, Replaceable Hard Wire Cutters, Needle-Nose Pliers, Hard-Wire Cutters, Wire Stripper, X-Sm Screwdriver, Small Screwdriver, Medium Screwdriver, Large Screwdriver, Phillips Screwdriver, Scissors, Diamond-Coated File, Wood Saw, Bottle Opener, Can Opener, 8" (20cm) Ruler, Black Nylon Sheath

SURGE Multi-Tool

➤ Multi-tool power house with 18 tools, tough pliers, long blades, strong scissors and easy-to-use locks

➤ Outside opening blades grant quick access

SPC No.	Part No. and Description	Price
137X222	830158 SURGE	$149.95 ea.

Tools: Needlenose Pliers, Regular Pliers, Wire Cutters, Stranded-Wire Cutters, Hard-Wire Cutters, Electrical Crimper, Clip-Point Knife, Serrated Knife, Scissors, Blade Exchanger, Diamond File Blade, Wood File Blade, Saw Blade, Large Bit Driver, Small Bit Driver, ⁵⁄₁₆" Screwdriver, Awl with Thread Loop, Ruler (9"/22 cm), Bottle/Can Opener, Wire Stripper, Lanyard Ring, Two Double-Ended Bits

Charge®+ TTi Multi-Tool

➤ The pinnacle of the Leatherman® line has comfort sculpted titanium handles

➤ Features S30V® stainless steel clip-point knife and bronze bushings

➤ This 19-tool multi-tool includes eight large and small bit drivers

SPC No.	Part No. and Description	Price
137X364	832537 Charge+	$189.95 ea.

Tools: Needlenose Pliers, Regular Pliers, Replaceable Wire Cutters, Replaceable Hard-Wire Cutters, Crimper, Clip-Point Knife, Serrated Knife, Cutting Hook, Saw, Wood/Metal File, Diamond-Coat File, Scissors, Large Screwdriver, Large Bit Driver, Small Bit Driver, Ruler (8"/19 cm), Bottle/Can Opener, Wire Stripper, Optional Pocket Clip, Lanyard Ring, comes Premium Sheath

Wingman® Multi-Tool

➤ Made of lightweight stainless steel this 14-tool multi-tool is pocket-sized

➤ Features rounded handle, spring-action jaw and locking blades

➤ Outside accessible blades allow for one-handed opening of the knife

SPC No.	Part No. and Description	Price
137X350	831426 Wingman	$69.95 ea.

Tools: Spring-action Needlenose Pliers, Spring-action Regular Pliers, Spring-action Wire Cutters, 420HC Combo Knife, Package Opener, Wood/Metal File, Scissors, Small Screwdriver, Med. Screwdriver, Phillips Screwdriver, Ruler (1.5"), Bottle Opener, Can Opener, Wire Stripper

Wire Cutters

Cutting blades have a non-glare black finish

Handles have ESD-safe shock-absorbing cushion grips

SPECTRIS TOOL®

5" ESD-Safe Flush Cutter
➤ Use this general purpose cutter to cut up to 20 AWG wire
➤ Superior shearing action gives a clean cut
➤ Low-profile pliers offer reduced mechanical shock

SPC No.	Part No.	Price
940X170	D170 ESD-Safe Flush Cutter	1-11, $10.92 ea.; 12-up, $9.83 ea.

eclipse™

Pro'sKit® Cutter and Precision Pliers
➤ 16 AWG capacity piano wire cutter is made of high carbon steel with a phosphate finish
➤ Pliers are made of carbon steel S45C forged, hardened and nickel plated
➤ Pliers are spring-loaded with dual-color non-slip TPR handles for comfort

SPC No.	Part No. and Description	Price
169X100	200-087 Pro'sKit Heavy Duty Piano Wire Cutter, 5"	$10.54 ea.
169X550	PM-746 Needle Nose Pliers, 5¾"	$7.58 ea.
169X553	PM-736 Long Nosed Pliers, 5¼"	$7.94 ea.

9" High-Leverage Side-Cutters
➤ High-leverage New England style pliers have hardened steel cutting knives
➤ Hot-riveted joint with rivet closer to the cutting edge ensures smooth action

SPC No.	Part No. and Description	Price
060X038	D213-9NE High-Leverage Side-Cutters	1-11, $39.16 ea.; 12-up, $37.20 ea.

Standard Long-Nose Pliers
➤ Slim head for confined areas has wrapping and looping knurled jaws
➤ Hot-riveted joint ensures smooth action

SPC No.	Part No. and Description	Price
060X077	D301-6C Pliers, 6⅝"	1-11, $30.77 ea.; 12-up, $29.23 ea.

6" Diagonal Cutter w/Skinner
➤ Tapered nose for work in confined spaces
➤ All-purpose cutters have a Bell System type W-notch that slits insulation cleanly

SPC No.	Part No. and Description	Price
060X065	D252-6SW Diagonal Cutter w/Skinner	1-11, $47.33 ea.; 12-up, $44.96 ea.

5" Pointed-Nose Diagonal Cutter w/Narrow Jaw
➤ For use with delicate work in tight areas
➤ Sharp pointed nose gives precise tip cuts and tool is spring-loaded for self-opening

SPC No.	Part No. and Description	Price
060X060	D244-5C Pointed-Nose Diagonal Cutter	1-11, $48.53 ea.; 12-up, $46.10 ea.

JONARD TOOLS®

Coax Cutters
➤ JIC-625 for soft copper coax and network cables up to 6 AWG
➤ JIC-725 for coax w/steel center conductors

SPC No.	Part No. and Description	Price
054X432	JIC-625 Coax & Network Cable Cutter	1-5, $19.95 ea.; 6-up, $18.95 ea.
054X434	JIC-725 Coax Cable Cutter, CCSC	1-5, $18.95 ea.; 6-up, $18.00 ea.

PLATINUM TOOLS®

CCS-6 Cable Cutter
➤ Compact cable cutter is designed to cut coax cable with steel center conductor
➤ Tested to 10,000 cuts
➤ Use on solid copper wire and twisted pair

SPC No.	Part No. and Description	Price
168X091	10514C Cable Cutter	$21.37 ea.

IDEAL®

T®-Cutter Wire Cutter
➤ Use on wire up to ½", fine stranded wire and #10 AWG solid copper wire
➤ Sheer-type blades made of hardened steel

SPC No.	Part No. and Description	Price
370X213	45-123 T-Cutter Wire Cutter	1-11, $23.04 ea.; 12-up, $21.89 ea.

IDEAL®

Small Data T®-Cutter
➤ Curved blades maintain cable geometry
➤ Cut round communication cable to ½" and coax cable to RG-9/U

SPC No.	Part No. and Description	Price
370X181	45-074 Small Data T-Cutter Wire Cutter	1-11, $24.40 ea.; 12-up, $23.18 ea.

JONARD TOOLS®

Flush Cut Kevlar Cutters
➤ High-carbon stainless steel blades offer precise flush cutting
➤ Feature thin-nose jaws for tight places and spring-action thermoplastic rubber handles

SPC No.	Part No. and Description	Price
054X438	JIC-190 Flush Cut Kevlar Cutters	1-11, $26.95 ea.; 12-up, $25.60 ea.

High-Leverage Cable Cutter

➤ Precision one-handed shearing action
➤ Use on cable up to 4/0 aluminum, 2/0 soft copper and 100-pair 24 AWG communication cable

SPC No.	Part No. and Description	Price
060X870	63050 Cable Cutter, 9½"	1-11, $39.89 ea.; 12-up, $37.90 ea.

Coax Cable Cutter

➤ Use on soft cable up to 1" in diameter
➤ Heat-treated and precision-ground steel blades
➤ Score jacket and insulation plus cut copper and aluminum cable

SPC No.	Part No. and Description	Price
060X867	63030 Coax Cable Cutter, 8¼"	1-5, $55.64 ea.; 6-up, $52.86 ea.

Cable Cutters™

➤ UP-B76 banana cutter cuts ¾" aluminum and copper coax cable
➤ Use UP-B41 clean cutter on multi-strand #2 copper, 2/0 aluminum and 50-pair communication cable

SPC No.	Part No. and Description	Price
300X076	UP-B76 Banana Cutter, 8¼"	1-11, $38.93 ea.; 12-up, $36.99 ea.
300X041	UP-B41 Clean Cutter, 8"	1-11, $35.62 ea.; 12-up, $33.84 ea.

High-Leverage Cable Cutter

➤ Shear -type jaws and spring-loaded mechanism
➤ Use on cable up to 4/0 aluminum, 2/0 soft copper and 100-pair 24 AWG communication cable

SPC No.	Part No. and Description	Price
054X450	JIC-63050 Cable Cutter, 9¼"	1-5, $20.95 ea.; 6-up, $19.90 ea.

MCC Manual Cable Cutters

➤ Precision copper and aluminum cable cutters
➤ MCC600 cuts 600 kcmil cable with up to 1.31" insulation
➤ MCC1000 cuts 1000 kcmil cable with up to 1.90" insulation

SPC No.	Part No. and Description	Price
109X071	MCC600 Heavy Duty Manual Cable Cutter, 21"	1-5, $160.05 ea.; 6-up, $152.04 ea.
109X076	MCC1000 Heavy Duty Manual Cable Cutter, 32"	1-5, $267.34 ea.; 6-up, $253.97 ea.

Journeyman High-Leverage Cable Cutter

➤ Journeyman state-of-the-art dual material handles
➤ Use on cable up to 4/0 aluminum, 2/0 soft copper and 100-pair 24 AWG communication cable

SPC No.	Part No. and Description	Price
060X134	J63050 Cable Cutter, 9 9/16"	1-5, $43.22 ea.; 6-up, $41.06 ea.

High-Leverage Cable Cutter

➤ For use on solid or stranded soft copper cable and wire up to 2/0, aluminum up to 4/0 and 100-pair 24-AWG telephone cable
➤ Chrome vanadium steel cuts cleanly without distorting the cable

SPC No.	Part No. and Description	Price
168X026	10540C BTC-20 Cable Cutter	$26.72 ea.

24" Steel-Handled Bolt Cutter

➤ Use on soft and medium metals to 7/16" or Brinell 300/Rockwell C31
➤ Use on hard metals up to 5/16" or Brinell 400/Rockwell C42
➤ Center-cut jaws and steel handles produce 90° cuts

SPC No.	Part No. and Description	Price
060X885	63324 Bolt Cutter, 24"	1-5, $165.52 ea.; 6-up, $157.24 ea.

Coax Cable Cutters

➤ Use JIC-755 to cut coax cable up to 1"
➤ Use JIC-750 on hard line coax cable up to ¾"
➤ Work with both aluminum or copper conductors

SPC No.	Part No. and Description	Price
054X445	JIC-755 Coax Cutter, 8¼"	1-11, $31.95 ea.; 12-up, $30.35 ea.
054X449	JIC-750 Banana Cutter, 8¾"	1-11, $25.95 ea.; 12-up, $24.65 ea.

Adjustable Wire Strippers

SPC No.	Part No. and Description	Price
155X100	80300 100 Strip 22-10 AWG	$8.61 ea.
155X101	80305 101-S Spring Action	$12.15 ea.
155X103	80315 103-S Adjustable Cam	$12.54 ea.

Wire Strippers

IDEAL®

T®-Strippers
➤ Feature built-in wire looping holes, wire cutters, plier-nose and knife-type blades
➤ Reflex premium strippers add 45° curved ergo-nomic handles and cushion grip

SPC Number	Model	Part Number	Wire Gauge (Solid/Stranded)	Price Each
370X210	T-5	45-120	10-18/12-20	$15.87
370X215	T-7	45-125	22-30/24-32	$23.27
370X415	Reflex T-5E	45-415	10-18/12-20	$25.08
370X416	Reflex T-6E	45-416	14-24/16-26	$25.08
370X417	Reflex T-7E	45-417	22-30/24-32	$27.61
370X418	Reflex T-8E	45-418	6-14/8-16	$27.27

IDEAL®

Stripmaster® Wire Strippers
➤ Precision knife-type cutting blades and cushioned non-slip comfort-grip handles
➤ One-step stripping & spring-action motion

SPC. Number	Part. Number	Wire Gauge	Price Each 1-11	12-up
370X285	45-265	RG59 Coax	$55.01	$52.26
370X186	45-091	18-10 AWG	$60.34	$57.32
370X187	45-092	22-10 AWG	$58.04	$55.14
370X188	45-093	22-14 AWG	$60.34	$57.32
370X192	45-097	26-16 AWG	$60.34	$57.32
370X193	45-098	30-20 AWG	$60.34	$57.32

SPECTRIS TOOL®

Wire Stripper
➤ Stranded wire 26 to 16 AWG

SPC No.	Part No. and Desc.	Price
940X010	S2028 26-16 AWG	
	1-11, $18.40 ea.; 12-up, $16.56 ea.	

Adjustable Stripper
➤ Insulated wire 24 to 10 AWG

SPC No.	Part No. and Desc.	Price
940X014	S2022C 24-10 AWG	
	1-11, $7.25 ea.; 12-up, $6.95 ea.	

Wire Stripper/Crimper
➤ Terminals 22 to 10 AWG

SPC No.	Part No. and Desc.	Price
940X016	S2030 22-10 AWG	
	1-11, $19.86 ea.; 12-up, $17.87 ea.	

Adj. Stripper/Cutter
➤ Strip and cut insulated wire

SPC No.	Part No. and Desc.	Price
940X018	S223M 22-10 AWG	
	1-11, $12.24 ea.; 12-up, $11.02 ea.	

JONARD TOOLS®

Precision Strippers
➤ Adjustable with six settings

SPC No.	Part No./Desc.	Price
054X694	ST-450, 26-36	$54.95 ea.
054X693	ST-500, 20-30	$45.95 ea.
054X698	ST-500ESD	$54.95 ea.
054X696	ST-550 18-28	$45.95 ea.

Wire Stripper/Cutter
➤ Solid 20-8 and stranded 22-8

SPC No.	Part No. and Desc.	Price
054X765	WS-822 20-8 AWG	
	1-11, $37.95 ea.; 12-up, $36.05 ea.	

Stainless Stripper
➤ Solid 20-10 and stranded 22-12

SPC No.	Part No. and Desc.	Price
054X797	WSS-1020 20-10 AWG	
	1-11, $21.20 ea.; 12-up, $20.25 ea.	

Wire Stripping Pliers
➤ Solid 16-10 and stranded 18-12

SPC No.	Part No. and Desc.	Price
054X792	WSC-1016 16-10 AWG	
	1-11, $24.95 ea.; 12-up, $23.83 ea.	

JONARD TOOLS®

Cable Stripper
➤ 14/2 and 12/2 NM cable

SPC No.	Part No. and Desc.	Price
054X795	WSC-1412 12/2 & 14.2 NM	
	1-11, $20.95 ea.; 12-up, $20.01 ea.	

Wire Stripper/Crimper
➤ Strip 26-8, Crimp 22-10 Term.

SPC No.	Part No. and Desc.	Price
054X762	WSC-826 8-26 AWG	
	1-11, $29.95 ea.; 12-up, $28.45 ea.	

PLATINUM TOOLS

ProStrip Strippers
➤ Strip 20-10 AWG or 30-16 AWG

SPC No.	Part No./Desc.	Price
168X106	15003C 20-10	$16.01 ea.
168X108	15005C 30-16	$16.01 ea.

KNIPEX®

Wire Stripper
➤ Solid & stranded 20 to 10 AWG

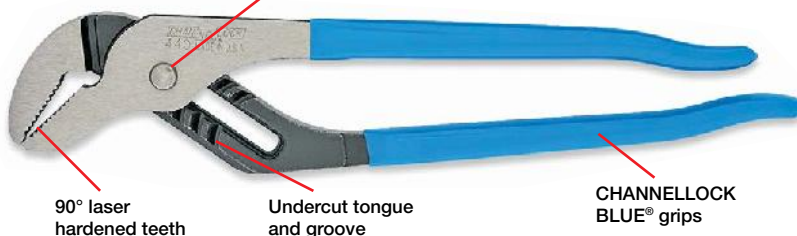| SPC No.	Part No. and Desc.	Price
914X042	13 72 8 20-10 AWG	
		$43.00 ea.

Straight-Jaw Tongue and Groove Pliers

➤ Patented reinforcing edge minimizes stress breakage
➤ Forged high carbon steel is coated for rust prevention

SPC No.	Part No. and Description	Price
019X418	424 4½", ½" Jaw, 3 Adj.	1-11, $20.74 ea.; 12-up, $19.70 ea.
019X420	426 6½", ⅞" Jaw, 5 Adj.	1-11, $17.92 ea.; 12-up, $17.02 ea.
019X529	420 9½",1½" Jaw, 5 Adj.	1-11, $21.62 ea.; 12-up, $20.54 ea.
019X532	440 12", 2¼" Jaw, 7 Adj.	1-11, $25.52 ea.; 12-up, $24.24 ea.

PERMALOCK® fastener

90° laser hardened teeth

Undercut tongue and groove

CHANNELLOCK BLUE® grips

Original™ Long-Nose Locking Pliers

➤ Long straight nose gives easy access in narrow places
➤ Tools have a built-in wire cutter and turn screw to adjust pressure
➤ Classic trigger release gives maximum locking force

SPC No.	Part No. and Description	Price
321X012	4-LN 4" Long, 1⅝" Jaw	1-11, $16.18 ea.; 12-up, $15.37 ea.
321X030	6-LN 6" Long, 2" Jaw	1-11, $21.49 ea.; 12-up, $20.42 ea.
321X076	9-LN 9" Long, 2¾" Jaw	1-11, $25.76 ea.; 12-up, $24.48 ea.

Original™ Curved-Jaw Locking Pliers

➤ Tools have a built-in wire cutter and turn screw to adjust pressure
➤ Classic trigger release gives maximum locking force

SPC No.	Part No. and Description	Price
321X015	4-WR 4" Long, 1" Jaw	1-11, $14.27 ea.; 12-up, $13.56 ea.
321X020	5-WR 5" Long, 1⅛" Jaw	1-11, $19.98 ea.; 12-up, $18.98 ea.
321X055	7-WR 7" Long, 1½" Jaw	1-11, $20.53 ea.; 12-up, $19.50 ea.
321X095	10-WR 10" Long, 1⅞" Jaw	1-11, $20.87 ea.; 12-up, $19.83 ea.

Diagonal Cutting Pliers

➤ Feature tapered nose, bevel knives and crusher
➤ JIC-7858 has .030" & .045" skinning holes

SPC No.	Part No. and Description	Price
054X447	JIC-7858 Diagonal Cutting Pliers, 6¼"	1-11, $25.95 ea.; 12-up, $24.65 ea.
054X427	JIC-600 Diagonal Cutting Pliers, 6¼"	1-5, $19.95 ea.; 6-up, $18.95 ea.

Lineman's B Side Cut Pliers

➤ Made for heavy-duty construction work
➤ Use to cut bolts, nails and high-strength wire

SPC No.	Part No. and Description	Price
054X442	JIC-683 Lineman's B Side Cut Pliers, 9½"	1-11, $21.95 ea.; 12-up, $20.85 ea.

Standard Long-Nose Pliers

➤ Slim head for confined areas has wrapping and looping knurled jaws
➤ Serrated jaws for gripping, wrapping or looping wires

SPC No.	Part No.	Price
060X077	D301-6C Long Nose Pliers, 6⅝"	1-11, $30.77 ea.; 12-up, $29.23 ea.

Journeyman™ Long Nose Pliers

➤ Grip, wrap and loop wire and leads
➤ Side cutters and 12-AWG solid wire stripper

SPC No.	Part No.	Price
060X128	J203-8N Long-Nose Pliers, 8"	1-5, $46.88 ea.; 6-up, $44.53 ea.

TwinGrip Slip Joint Pliers

➤ Front and side gripping from ⁵⁄₃₂" to ⅞"
➤ Slim head design for confined spaces

SPC No.	Part No. and Description	Price
914X617	82 02 200 Slip Joint Pliers, 8"	$41.80 ea.

Slip Joint Pliers

➤ Pliers have a wire cutting shear
➤ Permalok fastener eliminates nut/bolt gripping failure

SPC No.	Part No.	Price
019X526	526 Slip Joint Pliers, 6½"	1-11, $14.58 ea.; 12-up, $13.85 ea.
019X527	528 Slip Joint Pliers, 8"	1-11, $15.02 ea.; 12-up, $14.27 ea.

Crimpers

Sta-Kon® Crimp Kit

➤ STAKIT contains an assortment of Sta-Kon vinyl insulated fork & ring terminals, butt splices and disconnects from 10-22 AWG

➤ Items come organized in a metal box

SPC No.	Part No. and Description	Price
272X907	Sta-Kon STAKIT	1-5, $558.29 ea.; 6-up, $530.38 ea.
272X193	WT112M Crimp Tool Only	1-5, $74.32 ea.; 6-up, $70.61 ea.

Sta-Kon Kit Contents	
Sta-Kon® WT112M Crimping Tool	50 Vinyl Butt Splices, Ring Terminals, Locking
100 Vinyl Butt Splices, Fork Terminals, Locking	Fork Terminals, Disconnects (12-10 AWG)
Fork Terminals, Disconnects (22-18 AWG)	100 TY525M Cable Ties, 7.5"
100 Vinyl Butt Splices, Ring Terminals, Locking	EZCODE® Vinyl Wire Marker Book
Fork Terminals, Disconnects (18-14 AWG)	

Comfort Crimp™ Sta-Kon® Terminal Tools

➤ Shure Stake® mechanism ensures a complete crimp cycle
➤ Crimp 22-10 AWG terminals, splices and disconnects
➤ Three styles for a variety of insulated and non-insulated types

SPC No.	Part No. and Description	Price
272X120	ERG-4001, 22-10 Insulated	1-5, $397.85 ea.; 6-up, $377.95 ea.
272X115	ERG-4002, 22-10 Noninsulated	1-5, $397.85 ea.; 6-up, $377.95 ea.
272X117	ERG-4007, 8-6 AWG Insulated	1-5, $454.95 ea.; 6-up, $432.21 ea.

Sta-Kon® Terminal Installation Tool

➤ Cut, strip & crimp 26-10 AWG A, B, C, AB, PT, RA, RB and RC type non-insulated terminals and splices

SPC No.	Part No. and Description	Price
272X195	WT2000 Installation Tool	1-5, $102.83 ea.; 6-up, $97.69 ea.

Sta-Kon® Crimping Pliers

➤ Cut, strip and crimp Sta-Kon terminals, splices and disconnects
➤ WT111M for Type A, B and C, WT112M adds RA, RB and RC

SPC No.	Part No. and Description	Price
272X190	WT111M, 22-10 AWG	1-5, $72.51 ea.; 6-up, $68.88 ea.
272X193	WT112M, 26-10 AWG	1-5, $74.32 ea.; 6-up, $70.61 ea.

Open-Barrel Contact Crimpers

SARGENT

➤ Two cavities for insulation crimps and three for conductor crimps
➤ Use 1026CT with open barrel contacts including D-sub in small wire
➤ Use 1028CT to crimp open barrel contacts in medium size wire

SPC No.	Part No. and Description	Price
307X215	1026 CT Small Wire Crimper, 30-16 AWG	$32.60 ea.
307X218	1028 CT Medium Wire Crimper, 24-14 AWG	$32.60 ea.

Wire Crimper and Stripper With Two Wire Cutters

➤ Strip 10-18 AWG stranded wire
➤ Crimp 10-22 AWG terminals and connectors

SPC No.	Part No.	Price
060X007	2005N	1-5, $41.06 ea.; 6-up, $39.01 ea.

Crimping Tool with Wire Cutter in Nose

➤ Crimp and cut 10-22 AWG wire and
➤ Insulated and non-insulated terminals

SPC No.	Part No.	Price
060X480	1005	1-11, $35.36 ea.; 12-up, $33.59 ea.

All-Purpose Electrician's Tool

➤ 8-22 AWG solid & 10-26 AWG stranded wire
➤ 7-8 mm insulated & non-insulated terminals

SPC No.	Part No.	Price
578X150	1001	1-11, $31.95 ea.; 12-up, $30.36 ea.

Wire Stripper/Crimper Combo Tool

➤ Crimp, cut and strip 22-10 AWG terminals
➤ Size wire and studs plus cut screws

SPC No.	Part No.	Price
940X016	S2030	1-11, $19.86 ea.; 12-up, $17.87 ea.

Insulated Terminal and Lug Crimp Tool

TEMPO COMMUNICATIONS

➤ Install insulated terminals and lugs
➤ Use on solid or stranded 22-10 AWG wire

SPC No.	Part No. and Description	Price
170X072	PA1305 Crimper	$64.41 ea.

Insulated Terminal Ratcheting Shure-Stake Crimper

➤ Install nylon and vinyl RA/RAX/RB/RBC/RC terminals, splices and disconnects

SPC No.	Part No. and Description	Price
272X197	WT145C Crimper	$846.84 ea.

DeWALT

20V Max Cordless Heat Gun Kit

➤ Tool features 990°F max output temperature and low/high air flow settings

➤ LED light allows work in tight and dark spaces

➤ Includes flat and hook nozzles plus 5.0 Ah battery and charger

SPC No.	Part No. and Description	Price
394X945	DCE530P1 Heat Gun Kit	1-5, $310.25 ea.; 6-up, $294.74 ea.

DeWALT

Corded Heat Gun with LCD Display

➤ LCD display makes adjusting tempera-ture in 50°F increments to 1100° easy

➤ Features low/high air flow, overload protection, cord protector, kickstand, comfort grip and hang ring

➤ Includes cone and 2" fish tail nozzles

SPC No.	Part No. and Description	Price
394X003	D26960 Heat Gun	1-5, $153.63 ea.; 6-up, $145.95 ea.

Thomas&Betts / ABB INSTALLATION PRODUCTS

Portable Heat Shrink Torch

➤ Separate fuel and air-flow controls enable precise adjustment of flame and tempera-ture up to 2500°F

➤ Features brass and steel construction, ergonomic rubber grip, plus automatic ignition start and kill-switch buttons

SPC No.	Part No. and Description	Price
272X901	WT-PTORCH Heat Gun	1-5, $149.89 ea.; 6-up, $142.40 ea.

Lufkin

High-Visibility Tape Measures

➤ Yellow power-return blade has easy-to-read numerals and unbreakable Quad Hook™

➤ Belt clip is removable

SPC No.	Part No. and Description	Price
062X062	PHV1316 Tape, ¾" x 16'	1-11, $18.29 ea.; 12-up, $17.38 ea.
062X064	PHV1425 Tape, 1" x 25'	1-11, $23.69 ea.; 12-up, $22.51 ea.
062X066	PHV1425D Tape, 1" x 25' w/10th	1-11, $23.69 ea.; 12-up, $22.51 ea.

Thomas&Betts / ABB INSTALLATION PRODUCTS

Shrink-Kon® Heat Shrink Kits

➤ Polyolefin heat shrink tubing has a two-to-one shrink ratio

➤ Precut into 6" lengths in sizes from ³⁄₁₆" to 1" diameter

➤ Choose 74-piece black tubing kit or 86-piece multi-colored tubing kit

SPC No.	Part No. and Description	Price
272X125	HS-KIT Heat Shrink Kit, Black	1-5, $70.12 ea.; 6-up, $66.62 ea.
272X140	CHS-KIT Heat Shrink Kit, Color	1-5, $71.17 ea.; 6-up, $67.61 ea.

GENERAL®

Precision Rulers

➤ Inch rulers are made of flexible stainless steel

➤ 10th/100th inch graduations on one side and 32nd/64th on the other

SPC No.	Part No. and Description	Price
046X616	616 Ruler, 6" x ¹⁵⁄₃₂"	1-11, 5.72 ea.; 12-up, $5.43 ea.
046X950	1216 Ruler, 12" x ¹⁵⁄₃₂"	1-11, 9.72 ea.; 12-up, $9.23 ea.

eclipse™

Heat Shrink Tubing Kits

➤ Tubing has a two-to-one shrink ratio at 230°F

➤ Precut 4" tubing lengths come in ¹⁄₁₆" to ³⁄₈" widths

➤ Choose a 160-piece kit with either black or color tubing

SPC No.	Part No. and Description	Price
169X152	902-355 Heat Shrink Kit, Black Tubing	$12.73 ea.
169X154	902-460 Heat Shrink Kit, Color Tubing	$14.80 ea.

99® Utility Knife

➤ Aluminum han-dle separates to store blades

➤ Classic 6" retractable utility knife has a three-position blade

STANLEY.

SPC No.	Part No. and Description	Price
087X400	10-099 Knife	1-11, $6.88 ea.; 12-up, $6.54 ea.
087X420	11-921 Repl. Blades, 5/pkg	1-11, $2.36 ea.; 12-up, $2.24 ea.

Power Tools

20-V MAX* ½" Cordless Compact Drill Driver Kit

➤ Light and fits into tight spaces
➤ Has ½" ratcheting chuck for excellent bit gripping strength
➤ 350 UWO power plus two speed ranges of 0-600 and 0-2000 RPM
➤ Comes with two 20V MAX* lithium-ion battery packs, charger and belt hook in a contractor bag

15 clutch settings for torque

Li-ion battery has a quick 30-minute charge time

DeWALT

SPC No.	Part No. and Description	Price
394X780	DCD780C2 MAX* Kit	1-5, $281.92 ea.; 6-up, $267.82 ea.
394X133	DCB201 Replacement Battery	1-5, $126.08 ea.; 6-up, $119.78 ea.

20-V MAX* XR® Brushless ½" Drill/Driver Kit

➤ 535 UWO of maximum power for superior performance and three speed ranges of 0-500/0-1250/0-2000 RPM
➤ Includes 3-mode LED light, two 20V batteries, charger, belt hook, 360° side handle and kit box

SPC No.	Part No. & Description	Price
394X060	DCD991P2 Brushless MAX* Kit	
	1-5, $482.53 ea.; 6-up, $458.41 ea.	

DeWALT

12-V MAX ⅜" Drill/Driver Kit

➤ Compact and lightweight
➤ 189 UWO max power plus two speed ranges of 0-400 and 0-1500 RPM
➤ Includes LED light, two 12V batteries, charger, belt hook and contractor bag

SPC No.	Part No. & Description	Price
394X065	DCD710S2 12-V MAX Kit	
	1-5, $182.75 ea.; 6-up, $173.61 ea.	

20-V MAX Brushless ½" Hammer Drill/Driver Kit

➤ 340 UWO max power plus speed ranges of 0-500 and 0-1750 RPM
➤ Includes LED light, two 20V batteries, charger and tool bag

SPC No.	Part No. & Description	Price
394X787	DCD778C2 Brushless MAX Kit	
	1-5, $266.25 ea.; 6-up, $252.94 ea.	

DeWALT

8-V MAX ¼" Gyroscopic In-Line Screwdriver

➤ Motion activated variable speed of 0-430 RPM
➤ Holds 1" bit tips and has a bright LED light
➤ 8V MAX battery pack offers long runs and charges in one hour

SPC No.	Part No.	Description	Price
394X064	DCF682N1	Screwdriver Kit	1-5, $126.08 ea.; 6-up, $119.78 ea.

High-Speed Steel Drill Bit Sets

➤ Jobber length bits are in metal index cases
➤ 307TF has Titanium coated steel bits

SPC No.	Part No. and Description	Price
279X288	307W 60-Pc., 1-60 AWG	$95.09 ea.
279X302	307R 15-Pc., ¹⁄₁₆"-½" (32nds)	$61.89 ea.
279X308	307TF 29-Pc., ¹⁄₁₆"-½" (64ths)	$289.98 ea.

Unibit®

Step-Drill Bit Set

➤ High-speed steel self-starting drill bits
➤ Three-piece set will drill 28 hole sizes

SPC No.	Part No. and Description	Price
321X502	10502ZR 3-Piece Set	$111.49 ea.
321X001	10231 Bit #1, ⅛"-½" (32nds)	$28.20 ea.
321X002	10232 Bit #2, ³⁄₁₆"-½" (16ths)	$30.24 ea.
321X003	10233 Bit #3, ¼"-¾" (16ths)	$50.85 ea.

CablePrep Tools You Trust Since 1979

Carpet Cutter and Drill Guide

➤ Cut ⁷⁄₁₆" holes in carpet and pad
➤ Carpet plugs fit perfectly should drop location change
➤ Features knurled handle, hardened steel serrated blade, safety cap and hex key

SPC No.	Part No.	Price
304X210	4375	1-5, $40.85 ea.; 6-up, $39.62 ea.

ATRIX

Omega Supreme Plus Electronic Vacuum

➤ Electronic line filter & ESD safe accessories minimize EMI/RFI noise

➤ 88% ultra-fine filtration at 0.3 micron

SPC No.	Part No. and Description	Price
591X260	VACOSE110 Vacuum	$326.20 ea.
591X125	OF612HE HEPA Rpl. Filter	$40.30 ea.
591X308	31700-1P Std. Rpl. Filter	$16.85 ea.
591X265	31653 ESD-Safe Brush	$13.63 ea.

ATRIX

Omega Supreme Plus HEPA Electronic Vacuum

➤ ESD-safe unit's electronic line filter suppresses EMI/RFI noise

➤ HEPA is 99.97% efficient at 0.3 microns and ULPA is 99.99% at 0.12 micron

SPC No.	Part No. and Description	Price
591X252	VACOMEGASLFH HEPA Vac	$345.42 ea.
591X225	VACOMEGASLFU ULPA Vac	$351.42 ea.
591X125	OF612HE HEPA Rpl. Filter	$40.30 ea.

DEWALT

Wet-Dry Vacuum Cordless or Corded

➤ HEPA rated wet/dry filter traps with 99.97% efficiency at 0.3 microns

➤ Powered by 20V MAX* battery or by an AC

➤ Includes 5' hose, 2 gal. tank, wide nozzle & crevice tool attachments and two filters

SPC No.	Part No. and Description	Price
394X078	DCV581H Wet/Dry Vacuum	1-5, $253.58 ea.; 6-up, $240.90 ea.

ESD Safe Express Vacuums

➤ VACEXP-04 with HEPA filtration is 99.97% efficient at .3 µm and VACEXP-03 with a line filter is 88% efficient at .3 µm

SPC No.	Part No. and Description	Price
591X222	VACEXP-04 HEPA Vacuum	$215.68 ea.
591X211	VACEXP-03 Line Filter Vac	$167.89 ea.

SCS

Field Service Vacuums

➤ ESD-safe vacuum that reliably cleans toner from copy machines, printers, and almost anything else a field engineer might encounter

➤ Current limiting features protect personnel and sensitive electronic components from electrostatic discharge

SPC No.	Part No. and Description	Price
599X990	497AJN Vacuum	1-5, $342.93 ea.; 6-up, $325.79 ea.
599X985	497AJN-I Vacuum w/Filter Indicator	1-5, $555.15 ea.; 6-up, $527.39 ea.
599X992	497ABG 220-Volt Vacuum	$453.82 ea.
599X999	SV-MPF2 Type 2 Standard Filter	$26.52 ea.
599X995	SV-SPF1 Type 1 Fine Particle Filter	$63.72 ea.

GREENLEE

Slug Buster® Manual Knockout Punch Set

➤ Includes 1" hex-head ratchet wrench

➤ Use with ⅜" and ¾" draw studs

➤ Includes conduit size dies & punches from ½" to 2", ball bearing drive nut with 1" hex head and draw stud

SPC No.	Part No. and Description	Price
300X238	7238SB Knockout Punch Set	1-5, $448.00 ea.; 6-up, $425.60 ea.

Hydraulic Knockout Kits

➤ Use to punch holes in mild steel up to 10 gauge or 12 gauge stainless steel

➤ 360° rotating head operates at any angle

➤ ½"-2" or ½"-4" conduit size kits

SPC No.	Part No. and Description	Price
297X478	LS50L11B LS50L2 7-Ton Hydraulic Kit, ½"-2"	$1380.00 ea.
297X480	LS100X11SB4 Intelli-PUNCH 11-Ton Kit, ½"-4"	$2400.00 ea.
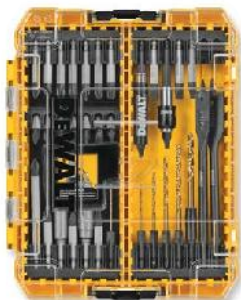
DEWALT

32-Piece Rapid Load™ Set

➤ Bit-bar design case system with clear lid

➤ Rapid Load holder fits all ⅜" and ½" drills

➤ Includes rapid-load holder, drive guide, nut drivers, socket adapters plus hex shank- power- and insert bits

SPC No.	Part No. and Description	Price
395X188	DWAMF1232RL Rapid Load Set	1-5, $39.97 ea.; 6-up, $37.97 ea.

GREENLEE

Bi-Metal Hole Saw Kit

➤ Six variable-pitch, bi-metal hole saw sizes from ⅞" to 2½"

➤ Use on ½" to 2" conduit and to cut to a depth of 1⅝"

SPC No.	Part No.	Desc.	Price
297X830	830 Bi-Metal Hole Saw Kit		1-5, $116.05 ea.; 6-up, $110.25 ea.

Compression Crimp Tools

Mechanical Crimp Tools: Mechanical crimp tools use the force from your hands. The smallest manual crimp tools resemble pliers and are convenient to carry in a tool box. Often a ratchet device is added to the crimp tool, lessening the handle force required for a successful crimp. These tools generally have a die wheel that accommodates several different gauges of lugs and connectors.

Self-Contained Hydraulic Crimp Tools: Hydraulic crimp tools are self contained and manually operated, but the hydraulic mechanism in the handle increases the amount of compression force. Hydraulic crimp tools provide reliable, high quality installations and are recommended when portability and power are called for. This type of crimp tool requires dies that are usually purchased separately.

Power-Assisted Crimp Tools: Battery actuated and non-self-contained hydraulic crimp tools use battery or electric power to operate. They deliver the greatest amount of compression force and complete consistent high-quality crimps very quickly. While portable, they are the heaviest type of compression tool, so are used when many compressions are needed in one location. They also require separate dies.

Die Groove Color	Equiv. Hex Die Code No.
Red	21
Blue	24
Gray	29
Brown	33
Green	37
Pink	42
Black	45
Orange	50
Purple	54
Yellow	62
Gold	45
Tan	50
Olive	54
Ruby	60
White	66

Choosing the Die Nest
➤ Determine the correct conductor size
➤ Determine the correct conductor type
➤ Match color on connector to color on die
➤ Use a crimping nest with more than one color band on any matching connector

Nest

Color Code

Installing, Changing and Removing Dies
➤ Hold tool with die retaining spring facing you and open handles until fully extended
➤ Hold die with the desired crimping nest and color code in the lower right corner
➤ Insert and/or remove die from under the die retaining spring in the tool head
➤ Spring's pressure on the die locator pin holds die in place

CAUTION: Use only a UL and/or CSA listed connector.
Any other combination may result in a connection which does not meet established standards.

BURNDY®

Rotating die wheel holds six color-coded die nests.

Full-Cycle Ratcheting Crimper
➤ Complete a positive crimp of uninsulated terminals and splices
➤ Accommodates copper compression HYDENT™ connectors for #12 to #2 AWG Class B, Class 1 flexible, #2 solid and #3 stranded wire

SPC No.	Part No. and Description	Price
109X790	Y122CMR Ratcheting Crimper	1-5, $318.51 ea.; 6-up, $302.58 ea.

WIREMIKE™ comes with inch and fraction markings plus provides easy conversion information.

BURNDY®

Wire Identification and Measuring Tool
➤ WIREMIKE™ is a strong and durable stainless steel wire micrometer
➤ Measure ASCR #6 to 336.4 stranded, stranded #18 to 2000 kcmil, and solid #20 to 4/0 AWG cables plus rigid conduit and IPS tubing

SPC No.	Part No. and Description	Price
109X655	WIREMIKE Steel Wire Micrometer	1-11, $53.35 ea.; 12-up, $50.69 ea.

Both kits feature the Y1MRTC HYTOOL™ described to the right in a sturdy metal carry case.

BURNDY®

Ratcheting Crimper Compression Systems
➤ HYTOOL™ has an emergency release, ergonomic frame and handles
➤ Y1MRKIT contains nine terminals and five splices
➤ Y1MRTCKIT has 14 terminals and YC4L12 thin-wall 12-4 AWG C-tap

SPC No.	Part No. and Description	Price
109X797	Y1MRKIT Ratcheting Crimper Compression System	$619.91 ea.
109X799	Y1MRTCKIT Ratcheting Crimper Compression System	$756.11 ea.

BURNDY®

Mechanical Crimper
➤ Full-cycle HYTOOL™ accommodates copper lug and splice compression HYDENT™ connectors
➤ Rotating color-coded die wheel matches up with connectors and embosses die indexes

SPC No.	Part No.	Price
109X795	Y1MRTC	$341.89 ea.

Die Nest Color	Copper Lug/Splice	
Red	#8 AWG	
Blue	#6 AWG	
Gray	#4 AWG	
White	#3 AWG, #2 Solid	
Brown	#2 AWG	
Green	#1 AWG	
	Copper C-Tap	
	Main	Branch
Brown	#6 AWG	#6 AWG

Tool uses U-style dies, has 355° head rotation plus bearing & alignment guide for HYGROUND®

18-V Li-ion battery has 30 minute charge

PAT750-LI
PATRIOT® Li-ion Crimpers

➤ Crimp applications include tension sleeves, taps, aerial cable, terminals/splices, HYROUND/compression grounding and ground rods

➤ Comes with a standard or rubber-covered head

SPC No.	Part No. and Description	Price
109X302	PAT750LI Standard Head	$5285.96 ea.
109X307	PAT750CLI Covered Head	$5451.43 ea.
109X042	BAT18VLI Replacement Battery	1-5, $298.78 ea.; 6-up, $283.85 ea.

BURNDY® Battery-Powered Crimper Comparison			
	PAT750	**PAT750-T3**	**PAT46**
Output Force	12 tons	12 tons	15 tons
Dies	U	U	P & U
Terminal/Splice/Taps	✔	✔	✔
Ground Rods	✔	✔	✔
Tension Sleeves	✔	✔	
HYGROUND	✔	✔	
T3 Technology		✔	

PATRIOT® Hydraulic 15-Ton Crimper

➤ Latching crimp head rotates 355° and has a 2" jaw opening

➤ Use with P dies and U dies with PUADP1 adapter (sold separately)

➤ Overmolded ergonomic handle

SPC No.	Part No. and Description	Price
109X275	PAT46LWSLI Hydraulic 15-Ton Crimper, 18V Li-ion	$6612.29 ea.
109X042	BAT18VLI Replacement Battery	1-5, $298.78 ea.; 6-up, $283.85 ea.

Send data to cloud and do remote firmware updates with Bluetooth

PATRIOT® T3 12-Ton Uncovered Crimper

➤ Track, trace and transmit with state-of-the-art T3 technology

➤ Onboard GPS chip maps crimp location, date and time

➤ Allows crimps to be managed, shared and reported

SPC No.	Part No. and Description	Price
109X285	PAT750T3U03A3 T3 12-Ton Crimper, 3.0Ah 18V Li-ion	$5470.06 ea.
109X042	BAT18VLI Replacement Battery	1-5, $298.78 ea.; 6-up, $283.85 ea.

Y35 HYPRESS™ Hydraulic Crimpers

➤ 12-ton tool with C-shaped hook-style rotatable head uses U dies

➤ 10,000 psi pressure, rapid ram advance and trigger controlled return

SPC No.	Part No. and Description	Price
109X964	Y35-2 Rubber-Covered for Impact Protection	$3056.69 ea.
109X962	Y35 Standard Head	$3010.61 ea.

Y750 REVOLVER HYPRESS™ Hydraulic Crimpers

➤ 12-ton tool with C-shaped hook-style 355° rotating head uses U dies

➤ Rapid-advance pump, handle trigger drain and audible relief valve

SPC No.	Part No. and Description	Price
109X885	Y750CHSXT Rubber-Covered Head and Handles	$2699.01 ea.
109X880	Y750HSXT Standard Head	$2980.83 ea.

BURNDY® Dies

➤ Designed for reliable and controllable electrical connections
➤ Dies are part of a color-coded connection system where cable size is represented by a corresponding color on lugs, taps and dies
➤ This system is designed to give installers confidence that they are crimping the correct connector with the appropriate connector die
➤ Use W-Die sets with MD6, MD7, Y500CTHS, PAT600 and PATMD6 series tools plus Type YA, YS, YA-A, YS-A non-tension connectors
➤ W-Die sizes 250 to 500 kcmil are for Y500CTHS, MD7-34(R) and PAT600 series tools. The 600 kcmil is for PAT600 series only
➤ U-Die sets fit Y35, Y39, Y750, PAT750-18V, PAT46-18V, PAT750-LI, PAT46-LI and Y46 (with PUADP-1 adapter) series tools
➤ Non-tension U-type 12-ton dies can be used on YA, YS, YA-A and YS-A connectors

W-Dies for Copper Connectors (-RT)

Stock No.	Part No.	Wire Size	Flex Size	Color	Index Code	Price Each 1-5	6-up
109X842	W8CRT	8 AWG	–	Red	49	$70.18	$66.68
109X840	W5CRT	6 AWG	–	Blue	7	$70.18	$66.68
109X838	W4CRT	4 AWG	–	Gray	8	$70.18	$66.68
109X836	W3CRT	3 AWG	–	White	9	$70.18	$66.68
109X824	W2CRT	2 AWG	–	Brown	10	$70.18	$66.68
109X890	W1CRT1	1 AWG	–	Green	11	$70.18	$66.68
109X814	W25RT	1/0 AWG	–	Pink	12	$70.18	$66.68
109X816	W26RT	2/0 AWG	–	Black	13	$70.18	$66.68
109X818	W27RT	3/0 AWG	–	Orange	14	$70.18	$66.68
109X820	W28RT	4/0 AWG	–	Purple	15	$70.18	$66.68
109X822	W29RT	250 kcmil	–	Yellow	16	$70.18	$66.68
109X826	W30RT	300 kcmil	250 kcmil	White	17	$70.18	$66.68
109X828	W31RT	350 kcmil	300 kcmil	Red	18	$70.18	$66.68
109X830	W32RT	400 kcmil	350 kcmil	Blue	19	$70.18	$66.68
109X832	W33RT	450 kcmil	400 kcmil	Gray	326	$70.18	$66.68
109X834	W34RT	500 kcmil	450 kcmil	Brown	20	$70.18	$66.68
109X037	W36RT	600 kcmil	500 kcmil	Green	22	$70.18	$66.68

BURNDY® W-Dies for Y500 and PAT600 Crimpers

➤ Crimp connectors with the correct corresponding die with color-coded W-dies

W-Dies for Aluminum Connectors

Stock No.	Part No.	Wire Size	Color	Index Code	Price Each 1-5	6-up
109X960	X8CART	8 AWG	Blue	374	$231.40	$219.83
109X939	W-C	6-1/0 AWG		C	$113.28	$107.61
109X942	W161	6 AWG	–	161	$70.18	$66.68
109X944	W162	4 AWG	–	162	$70.18	$66.68
109X950	W239	2 AWG	–	239	$70.18	$66.68
109X946	W163	1 AWG	–	163	$70.18	$66.68
109X952	W241	1/0 AWG	–	241	$70.18	$66.68
109X954	W245	2/0 AWG	–	245	$70.18	$66.68
109X948	W166	3/0 AWG	–	166	$70.18	$66.68
109X958	W660	4/0 AWG	–	660	$70.18	$66.68
109X956	W31ART	350 kcmil	Brown	299	$70.18	$66.68

W-Dies for Copper Connectors (-VT)

Stock No.	Part No.	Wire Size	Flex Size	Color	Index Code	Price Each 1-5	6-up
109X926	W8CVT	8 AWG	–	Red	49	$70.18	$66.68
109X924	W5CVT	6 AWG	–	Blue	7	$70.18	$66.68
109X922	W4CVT	4 AWG	–	Gray	8	$70.18	$66.68
109X912	W2CVT	2 AWG	–	Brown	10	$70.18	$66.68
109X900	W1CVT	1 AWG	–	Green	11	$70.18	$66.68
109X902	W25VT	1/0 AWG	–	Pink	12	$70.18	$66.68
109X904	W26VT	2/0 AWG	–	Black	13	$70.18	$66.68
109X906	W27VT	3/0 AWG	–	Orange	14	$70.18	$66.68
109X908	W28VT	4/0 AWG	–	Purple	15	$70.18	$66.68
109X910	W29VT	250 kcmil	–	Yellow	16	$70.18	$66.68
109X914	W30VT	300 kcmil	250 kcmil	White	17	$70.18	$66.68
109X916	W31VT	350 kcmil	300 kcmil	Red	18	$70.18	$66.68
109X918	W32VT	400 kcmil	350 kcmil	Blue	19	$70.18	$66.68
109X920	W34VT	500 kcmil	450 kcmil	Brown	20	$70.18	$66.68

Color-Coded H-Tap Connector Dies

➤ Dies accommodate a wide range of run/tap copper cable combinations including flexible and code
➤ Tap grooves function independently
➤ Die index is embossed on connector after crimp

U11T1   UC   U654   U1104   PYFR   P1102

Stock No.	Part No.	Wire Size Code	Main (Flex)	Tap 1 (Flex)	Tap 2 (Flex)	Tap 3 (Flex)	Color	Price Each 1-5	6-up
109X110	U11T1*	8-14	8-14 (8-14)	8-14 (8-14)	–	–	Green	$100.77	$95.73
109X060	UBGRT	6-10	6-10 (6-10)	6-14 (6-14)	–	–	Orange	$100.77	$95.73
109X107	UC2	2-12 STR	2-4 STR	4-12 STR	–	–	Pink	$100.77	$95.73
109X100	UC*	2-14	2-6 STR/SOL (2-8)	2-6 STR/SOL (2-8)	8-14 (8-14)	8-14 (8-14)	Brown	$100.77	$95.73
109X650	U654*	250-14	250-2 (4/0-2)	8-14 (8-14)	8-14 (8-14)	–	Purple	$100.77	$95.73
109X653	U251*	250-14	250-2 (4/0-2)	2-6 STR/SOL (2-8)	8-14 (8-14)		Red	$100.77	$95.73
109X700	U1104*	500-14	500-4/0 (350-4/0)	250-1/0 (4/0-1/0)	1-6 STR/SOL (1-8)	8-14 (8-14)	Brown	$100.77	$95.73
109X059	UN*	500	–	–	–	–	Red	$100.77	$95.73
109X096	PYFR**	750-14	750-350 (550-500)	250-1/0 (4/0-1/0)	1-6 STR/SOL (1-8)	2-14 (2-14)	Yellow	$579.39	$579.39
109X095	P1102**	1000-750	1000-750 (750-500)	1000-750 (750-500)	–	–	White	$605.60	$575.32

* Requires optional 109X085 PUADP1 Die Adapter to be used with Y46C tool.   ** Can be used with Y46C tool only.

BURNDY® U-Dies for Y35 and Y750 Crimpers

➤ Make reliable electrical connections with stainless steel color-coded U-Dies

U-Dies for Aluminum Connectors

Stock No.	Part No.	Wire Size	Color	Index Code	Price Each 1-5	Price Each 6-up
109X684	U8CABT	8 AWG	Blue	374	$100.77	$95.73
109X682	U6CABT	6 AWG	Gray	346	$100.77	$95.73
109X680	U4CABT	4 AWG	Green	375	$100.77	$95.73
109X666	U2CABT	2 AWG	Pink	348	$100.77	$95.73
109X652	U1CART	1 AWG	Gold	471	$170.25	$161.73
109X654	U25ART	1/0AWG	Tan	296	$100.77	$95.73
109X656	U26ART	2/0 AWG	Olive	297	$100.77	$95.73
109X658	U27ART	3/0 AWG	Ruby	467	$100.77	$95.73
109X662	U28ART	4/0 AWG	White	298	$100.77	$95.73
109X664	U29ART	250 kcmil	Red	324	$100.77	$95.73
109X668	U30ART	300 kcmil	Blue	470	$100.77	$95.73
109X670	U31ART	350 kcmil	Brown	299	$100.77	$95.73
109X672	U32ART	400 kcmil	Green	472	$100.77	$95.73
109X674	U34ART	500 kcmil	Pink	300	$100.77	$95.73
109X676	U36ART	600 kcmil	Black	473	$100.77	$95.73
109X678	U39ART-2	700/750 kcmil	Yellow	936	$100.77	$95.73

U-Dies for Copper Connectors

Stock No.	Part No.	Wire Size	Color	Index Code	Price Each 1-5	Price Each 6-up
109X108	U8CRT	8 AWG	Red	49	$100.77	$95.73
109X105	U5CRT	6 AWG	Blue	7	$100.77	$95.73
109X104	U4CRT	4 AWG	Gray	8	$100.77	$95.73
109X103	U3CRT	3 AWG/2 SOL	White	9	$100.77	$95.73
109X102	U2CRT	2 AWG	Brown	10	$100.77	$95.73
109X695	U1CRT1	1 AWG	Green	11	$100.77	$95.73
109X200	U25RT	1/0 AWG	Pink	12	$100.77	$95.73
109X205	U26RT	2/0 AWG	Black	13	$100.77	$95.73
109X207	U27RT	3/0 AWG	Orange	14	$100.77	$95.73
109X210	U28RT	4/0 AWG	Purple	15	$100.77	$95.73
109X211	U29RT	250 kcmil	Yellow	16	$100.77	$95.73
109X212	U30RT	300 kcmil	White	17	$100.77	$95.73
109X213	U31RT	350 kcmil	Red	18	$100.77	$95.73
109X214	U32RT	400 kcmil	Blue	19	$100.77	$95.73
109X216	U34RT	500 kcmil	Brown	20	$100.77	$95.73
109X114	U38XRT	500 kcmil	Pink	L99	$100.77	$95.73
109X218	U36RT	600 kcmil	Green	22	$100.77	$95.73
109X220	U38RT	700 kcmil	Pink	400	$100.77	$95.73
109X230	U39RT	750 kcmil	Black	24	$100.77	$95.73
109X094	P40RT	800 kcmil	Orange	25	$507.95	$482.56
109X116	U44XRT	750/777 kcmil	Yellow	L115	$100.77	$95.73

U-Die Kit for Aluminum Wire

➤ Contains 15 color-coded stainless steel die sets for use on aluminum wire
➤ Compatible with YA, YS, YA-A, YS-A-HYLUG™ & HYLINK™ #6 AWG to 750 kcmil terminals and splices

SPC No.	Part No.	Price
109X708	UDIEKITAL	$1653.17 ea.

U-Die Kit for Copper Wire

➤ Consists of 15 color-coded stainless steel die sets for use on copper wire
➤ Dies are compatible with YA, YS, YA-A, YS-A-HYLUG™ & HYLINK™ #6 AWG to 750 kcmil terminals and splices

SPC No.	Part No.	Price
109X101	UDIEKITCU	$1653.17 ea.

Y750 14-Piece Die Set

➤ Includes 14 different color-coded die sets for the Y750
➤ Crimp #8 AWG to 750 kcmil copper lugs and splices plus copper H-taps up to 500 kcmil

SPC No.	Description	Price
BND100	14-Piece Set	$1328.00 ea.

HYGROUND® Compression Die Kit

➤ Features 8 color-coded steel die sets
➤ Seven sets for HYGROUND irreversible compression grounding connectors
➤ One die set for pre-crimping ½", ⅝" and ¾" ground rods

SPC No.	Part No.	Price
109X711	UDIEKITHYGRD	$1075.53 ea.

HYGROUND Kit Individual Dies

Stock No.	Part No.	Color	Index Code	Price Each 1-5	Price Each 6-up
109X100	UC	Brown	374	$100.77	$95.73
109X702	UO	–	161	$100.77	$95.73
109X660	U997	Orange	162	$100.77	$95.73
109X091	PU998	–	239	$100.77	$95.73
109X704	U1011	–	163	$100.77	$95.73
109X700	U1104	Brown	241	$100.77	$95.73
109X706	U1105	–	660	$236.40	$224.58
109X666	U2CABT	Pink	348	$100.77	$95.73

BURNDY® HTYAP™ and CRIMPIT™ Compression Connections

➤ The BURNDY method of installing compression connectors on electrical cables delivers a high degree of reliability with low electrical resistance in central office power and grounding applications

➤ Get high-quality connections at a low install cost

➤ HYLUG and CRIMPIT connectors are made of high-conductivity wrought copper and are electro-tin plated to prevent corrosion and oxidation for improved conductivity

➤ BURNDY method connectors are available in a range of sizes and styles to accommodate #14-AWG through 1000-kcmil copper cable

➤ Compress connectors on cable with manual or hydraulic tools

➤ Select standard length or long barrel lugs with one or two bolt holes

➤ Two-hold lugs are ideal for buss bar applications that require two bolts to prevent lug rotation

How to Choose the Proper Lugs

Use the charts on these two pages to help you select the proper BURNDY® lugs, taps and covers for your wire sizes and applications. First, do you need two-hole or one-hole connectors? Two-hole lugs are ideal for bus bar applications that require two bolts to prevent lug rotation while one-hole lugs are intended for standard use. Next, do you need long- or short-barrel lugs? Long-barrel connectors are designed for industrial applications and have a heavy-duty design that permits additional crimping for added mechanical strength. Short-barrel lugs are designed for regular-duty applications and are ideal for use in confined spaces. Finally, match the wire size column up with the short- or long-barrel stock number to order.

H-Taps and C-Taps are designed for permanent pig tailing, two-way splicing or tapping to an unbroken continuous main. They require corresponding hard shell outer covers to guard against impact. An inner seal keeps out dust. They install quickly and easily without special tools. Just determine what wire size is being used for the main and the branch. Then order the corresponding tap and cover stock numbers.

All of these lugs and taps are made for use with copper conductors. Using BURNDY lugs and taps assures high conductivity, low resistance and high pullout values which exceed UL requirements.

Two-Hole Short- and Long-Barrel Lugs

➤ Copper barrel lugs indicate cable size

➤ Color bands relate to color markings on proper die with die code number marked

Wire Size Code	Color	Bolt Size	Center Spacing	Short Barrel Stock No.	Short Barrel Part No.	Price Ea. 1-11	Price Ea. 12-up	Long Barrel Stock No.	Long Barrel Part No.	Price Ea. 1-11	Price Ea. 12-up
#8 AWG	Red	#10	⅝"	109X401	YA8CL2TC10	$4.84	$4.11	–	–	–	–
#8 AWG	Red	¼"	⅝"	109X402	YA8CL2TC14	$4.58	$3.89	–	–	–	–
#8 AWG	Red	⅜"	1"	109X403	YA8CL2TC38	$5.82	$4.95	–	–	–	–
#6 AWG	Blue	¼"	1"	109X394	YA6CL2TC14E1	$5.33	$4.53	109X391	YA6C2TC14E1	$5.75	$4.88
#6 AWG	Blue	¼"	¾"	109X395	YA6CL2TC14E2	$5.33	$4.53	109X392	YA6C2TC14E2	$5.93	$5.04
#6 AWG	Blue	¼"	⅝"	–	–	–	–	109X970	YA6C2TC14	$8.40	$7.14
#6 AWG	Blue	⅜"	1"	109X396	YA6CL2TC38	$5.02	$4.27	109X393	YA6C2TC38	$8.91	$7.57
#4 AWG	Grey	¼"	⅝"	109X383	YA4C2L	$7.95	$6.75	109X384	YA4C2TC14	$8.78	$7.46
#4 AWG	Grey	⅜"	1"	109X387	YA4CL2TC38	$7.85	$6.68	109X386	YA4C2TC38	$9.00	$8.55
#4 AWG	Grey	¼"	¾"	109X389	YA4CL2TC14E2	$7.85	$6.68	109X385	YA4C2TC14E2	$8.38	$7.97
2 AWG	Brown	½"	1¾"	109X353	YA2C2LN	$7.65	$6.51	109X354	YA2C2N	$9.74	$9.25
2 AWG	Brown	¼"	⅝"	109X357	YA2CL2TC14	$7.65	$6.51	109X355	YA2C2TC14	$8.27	$7.03
2 AWG	Brown	⅜"	1"	109X358	YA2CL2TC38	$8.27	$7.03	109X356	YA2C2TC38	$8.27	$7.03
1 AWG	Green	½"	1¾"	109X321	YA1C2LN	$8.66	$8.23	109X322	YA1C2N	$11.00	$10.45
1 AWG	Green	¼"	⅝"	109X324	YA1CL2TC14	$10.08	$9.57	–	–	–	–
1/0 AWG	Pink	⅜"	1"	109X330	YA25L2TC38	$9.51	$9.03	109X329	YA252TC38	$11.35	$10.79
2/0 AWG	Black	½"	1¾"	109X334	YA262LN	$10.72	$10.19	–	–	–	–
2/0 AWG	Black	⅜"	1"	–	–	–	–	109X336	YA262TC38	$11.49	$10.92
3/0 AWG	Orange	½"	1¾"	–	–	–	–	109X341	YA272N	$12.35	$11.74
3/0 AWG	Orange	⅜"	1"	109X343	YA27L2TC38	$13.03	$12.38	109X342	YA272TC38	$12.94	$12.29
4/0 AWG	Purple	⅜"	1"	–	–	–	–	109X346	YA282TC38	$15.08	$14.32
250 kcmil	Yellow	½"	1¾"	–	–	–	–	109X351	YA292N	$14.97	$14.22
350 kcmil	Red	⅜"	1"	–	–	–	–	109X364	YA312TC38	$20.31	$19.29
500 kcmil	Brown	½"	1¾"	–	–	–	–	109X370	YA342N	$30.69	$29.16
500 kcmil	Brown	⅜"	1"	–	–	–	–	109X371	YA342TC38	$33.32	$31.66
750 kcmil	Black	½"	1¾"	–	–	–	–	109X380	YA392N	$53.92	$51.23

BURNDY

HYLUG™ One-Hole Short-Barrel And Long-Barrel Copper Lugs

➤ Lugs are clearly marked to indicate cable size
➤ Color bands correspond to color markings on proper die with die code number marked

Wire Size Code	Color	Bolt Size	Short Barrel Stock No.	Short Barrel Part No.	Price Ea. 1-11	Price Ea. 12-up	Long Barrel Stock No.	Long Barrel Part No.	Price Ea. 1-11	Price Ea. 12-up
#8 AWG	Red	¼"	109X405	YA8CL1BOX	$3.06	$2.60	–	–	–	–
#8 AWG	Red	#10	109X404	YA8CLBOX	$2.36	$2.01	–	–	–	–
#6 AWG	Blue	¼"	109X397	YA6CLBOX	$2.88	$2.45	109X390	YA6C	$3.42	$2.91
#6 AWG	Blue	#10	109X398	YA6CL1BOX	$2.88	$2.45	109X399	YA6CTC10	$3.52	$2.99
#4 AWG	Grey	¼"	109X388	YA4CLBOX	$3.80	$3.23	109X382	YA4C	$4.16	$3.54
2 AWG	Brown	¼"	109X360	YA2CL2BOX	$6.15	$5.22	109X362	YA2CTC14	$7.11	$6.04
2 AWG	Brown	⁵⁄₁₆"	109X359	YA2CLBOX	$5.75	$4.88	109X352	YA2C	$5.85	$4.98
2 AWG	Brown	⅜"	109X361	YA2CL4BOX	$6.40	$5.44	–	–	–	–
1 AWG	Green	¼"	109X326	YA1CL2	$6.91	$5.87	–	–	–	–
1 AWG	Green	⁵⁄₁₆"	109X325	YA1CLBOX	$7.07	$6.01	109X320	YA1C	$7.04	$5.98
1/0 AWG	Pink	⅜"	109X331	YA25L4BOX	$6.45	$5.49	109X332	YA25TC38	$8.64	$7.34
2/0 AWG	Black	⅜"	109X338	YA26LBOX	$8.75	$7.43	109X333	YA26	$8.57	$8.14
3/0 AWG	Orange	⅜"	109X345	YA27L4BOX	$8.94	$8.49	–	–	–	–
3/0 AWG	Orange	½"	109X344	YA27LBOX	$8.12	$7.72	109X339	YA27	$11.00	$10.45
4/0 AWG	Purple	⅜"	109X348	YA28L4BOX	$8.20	$7.79	109X349	YA28TC38	$11.49	$10.92
350 kcmil	Red	½"	109X365	YA31L	$14.28	$13.56	–	–	–	–
400 kcmil	Blue	½"	109X367	YA32L1	$16.49	$15.67	109X368	YA32N	$21.14	$20.08
500 kcmil	Brown	½"	109X373	YA34L6	$20.14	$19.13	–	–	–	–
750 kcmil	Black	⅝"	109X381	YA39L	$35.83	$34.04	109X378	YA39	$38.77	$36.83

CRIMPIT™ Copper H-Taps and Covers

➤ H-Taps are marked to show cable size
➤ Color bands correspond to color markings on dies
➤ Covers provide hard-shell insulated protection

Main	Tap 1	Wire Size Tap 2	Tap 3	Color	H-Tap Stock No.	H-Tap Part No.	Price Ea. 1-11	Price Ea. 12-up	Cover Stock No.	Cover Part No.	Price Ea. 1-11	Price Ea. 12-up
6-10	6-14	–	–	Orange	109X426	YH6C6C	$13.95	$13.26	109X311	CFBGFR	$11.38	$10.82
2-6 Str/Sol	2-6 Str/Sol	8-14	8-14	Brown	109X419	YH2C2C	$17.31	$16.44	109X314	CFOFR	$16.02	$15.21
250-2	2-6 Str/Sol	8-14	–	Purple	109X417	YH292C	$20.63	$19.60	109X312	CFDFR	$18.31	$17.39
250-2	250-2	–	–	Purple	109X416	YH2929	$21.18	$20.13	109X312	CFDFR	$18.31	$17.39
500-4/0	250/1/0	1-6 Str/Sol	8-14	Brown	109X420	YH3429	$58.18	$55.28	109X313	CFNFR*	$21.69	$20.61
750-500	750-350	–	–	Yellow	109X423	YH3939	$77.25	$73.38	109X315	CFRFR	$34.20	$32.49
1000-750	1000-750	–	–	White	109X425	YH4444	$78.20	$74.29	109X315	CFRFR	$34.20	$32.49

* Use CFNFR for single tap installation; use CFRFR when 2 or more tap conductors are installed.

CRIMPIT™ Copper C-Taps and Covers

➤ C-Taps are marked to show cable size
➤ Color bands correspond to color markings on dies
➤ Covers provide hard-shell insulated protection

Wire Size Main	Tap	Color	C-Tap Stock No.	C-Tap Part No.	Price Ea. 1-11	Price Ea. 12-up	Cover Stock No.	Cover Part No.	Price Ea. 1-11	Price Ea. 12-up
10-8	12-10	Blue	109X934	YC8L12	$3.78	$3.21	–	–	–	–
8-6	12-8	Grey	109X411	YC6L12	$3.72	$3.16	–	–	–	–
6	8-6	Brown	109X410	YC4L12	$4.56	$3.88	–	–	–	–
2	12-6	Pink	109X409	YC2L12	$6.15	$5.22	–	–	–	–
1/0	12	Orange	109X408	YC25L12	$7.89	$7.50	–	–	–	–
250-2	250-2	Orange	109X413	YCHC29TC29	$25.40	$24.13	109X313	CFNFR	$21.69	$20.61
500-4/0	500-4/0	Brown	109X414	YCHC34TC34	$50.82	$48.27	109X312	CFDFR	$18.31	$17.39
750-500	750-350	Blue	109X415	YCHC39TC39	$55.02	$52.26	109X312	CFDFR	$18.31	$17.39

Telecom Cable Tools

Compression Crimper

➤ Ergonomic crimp tool installs #8 - #2 copper and #10 - #6 aluminum connectors
➤ Features Shure Stake® mechanism and color-coded die wheel with 5 nested dies
➤ Crimp-assist stabilizes tool

SPC No.	Part No. and Description	Price
272X304	TBM45S Crimp Tool	$397.85 ea.

Die Nest Color	Copper Lug/Splice	
Red	#8 AWG	
Blue	#6 AWG	
Gray	#4 AWG	
Brown	#2 AWG	
	Copper C-Tap	
	Main	Branch
Green	#3-#4 AWG	#6-#12 AWG

TBM5S, TBM6S and TBM8S Color-Keyed® Crimpers

➤ TBM5S and TBM8S tools sold with dies mounted on handle or in a plastic case
➤ TBM6S dies sold separately
➤ Die kit includes upper and lower dies needed to crimp #8 AWG to 500 kcmil

SPC No.	Part No. and Desc.	Price
272X305	TBM5S 5-Nested Tool	$1254.29 ea.
272X310	TBM6S 6-Nested Tool	$1553.11 ea.
272X308	TBM6D-1 Die Kit	$1672.67 ea.

TBM14M Color-Keyed® Self-Contained Hydraulic Crimping Tool

➤ Features insulated head, rapid-ram advance mechanism, field replaceable bypass cartridge and short fiberglass handles
➤ Use 14-ton crimp tool with standard 15500 series dies

SPC No.	Part No. and Description	Price
272X100	TBM14M Self-Contained Hydraulic Crimp Tool	$3579.56 ea.

TBM15I has a 2" wide jaw to crimp larger lugs and taps

13110A has an open yoke C-style head for flexibility

Non-Self-Contained Hydraulic Heads

➤ Heads require a 10,000-psi hydraulic pump to operate
➤ TBM15I accepts 15600 series dies and 15500 series dies with 15500-TB adapter and the 13100A accepts 15500 series dies

SPC No.	Part No. and Description	Price
272X103	TBM15I 15-Ton Insulated Head	$4512.63 ea.
272X121	15500-TB Adapter	$658.37 ea.
272X095	13100A 14-Ton Insulated Head	$3759.53 ea.

Use hydraulic pump with T&B hydraulic heads

Electric Hydraulic Pump

➤ Features automatic control valve and pressure gauge
➤ High-volume, low pressure stage for rapid ram advance
➤ Switches to high-pressure, low volume mode at 200 psi

SPC No.	Part No. and Description	Price
272X450	13600 Electric Hydraulic Pump	$6365.01 ea.
272X453	13619 10' Non-Metal Hose	$990.46 ea.
272X457	13618 20' Non-Metal Hose	$1316.81 ea.
272X462	13620 Hand Switch w/10' Cord	$673.97 ea.
272X335	13589A Foot Switch w/10' Cord	$662.31 ea.
272X527	21061 Hydraulic Oil for Pump	1-5, $61.86 ea.; 6-up, $58.77 ea.

TBM-14M and TBM-15I Die Kit

➤ Features 13 different stainless steel die sets
➤ Crimp copper lugs & splices from #8 AWG to 750 kcmil & copper H-taps to 250 kcmil
➤ Need 15500-TB adapter to use with TBM-15I

SPC No.	Description	Price
TNB200	Die Kit	$4625.00 ea.

Individual Components and Adapter Available for Purchase Online

Cable Prep Compounds

➤ Use Kopr-Shield® on copper lugs & splices
➤ Use Contax on both copper and aluminum
➤ Prevents oxidation and reduce inner-strand resistance

SPC No.	Part No. and Description	Price
273X027	CP16 16-oz. Kopr-Shield	1-5, $54.71 ea.; 6-up, $51.97 ea.
273X030	CP8-TB 8-oz. Kopr-Shield	1-11, $37.77 ea.; 12-up, $35.88 ea.
273X033	CTB 4-oz. Contax	1-11, $15.03 ea.; 12-up, $14.28 ea.
273X036	CTB8 8-oz. Contax	1-11, $19.62 ea.; 12-up, $18.63 ea.

Thomas&Betts
ABB INSTALLATION PRODUCTS

Stainless Steel Color-Keyed® Dies for Aluminum & Copper Lugs and Splices
➤ Color-coded dies match up with the proper connector
➤ Dies emboss a die index number when crimped for quick and easy inspection of the connection

Connector Size			Color Code	For BPLT14BSCR/TBM14M/TBM14MC/13100A*					For BPLT15BSCR/TBM15I***				
Copper	Flex/24	AL/CU		SPC No.	Part No.	Code	Price, 1-5	Price, 6-up	SPC No.	Part No.	Code	Price, 1-5	Price, 6-up
8 AWG	37/24	10 AWG	Red	272X234	15520SS	21	$294.54 ea.	$279.81 ea.	272X234	15520SS	21	$294.54 ea.	$279.81 ea.
6 AWG	61/24	8 AWG	Blue	272X236	15522SS	24	$294.54 ea.	$279.81 ea.	272X236	15522SS	24	$294.54 ea.	$279.81 ea.
4 AWG	91/24	6 AWG	Gray	272X240	15527SS	29	$294.54 ea.	$279.81 ea.	272X240	15527SS	29	$294.54 ea.	$279.81 ea.
2 AWG	125/24	–	Brown	272X242	15528SS	33	$294.54 ea.	$279.81 ea.	272X242	15528SS	33	$294.54 ea.	$279.81 ea.
1 AWG	140/24	4 AWG	Green	272X226	15513SS	37	$294.54 ea.	$279.81 ea.	272X226	15513SS	37	$294.54 ea.	$279.81 ea.
1/0	225/24	2 AWG	Pink	272X218	15508SS	42	$294.54 ea.	$279.81 ea.	272X218	15508SS	42H	$294.54 ea.	$279.81 ea.
2/0	275/24	–	Black	272X238	15526SS	45	$294.54 ea.	$279.81 ea.	272X238	15526SS	45	$294.54 ea.	$279.81 ea.
3/0	325/24	–	Orange	272X244	15530SS	50	$294.54 ea.	$279.81 ea.	272X244	15530SS	50	$294.54 ea.	$279.81 ea.
4/0	450/24	–	Purple	272X222	15511SS	54	$294.54 ea.	$279.81 ea.	272X222	15511SS	54H	$294.54 ea.	$279.81 ea.
250 kcmil	550/24	–	Yellow	272X220	15510SS	62	$294.54 ea.	$279.81 ea.	272X220	15510SS	62	$294.54 ea.	$279.81 ea.
–	–	1 AWG	Gold	272X238	15526SS	45	$294.54 ea.	$279.81 ea.	272X238	15526SS	45	$294.54 ea.	$279.81 ea.
–	–	1/0	Tan	272X244	15530SS	50	$294.54 ea.	$279.81 ea.	272X244	15530SS	50	$294.54 ea.	$279.81 ea.
–	–	2/0	Olive	272X222	15511SS	54	$294.54 ea.	$279.81 ea.	272X222	15511SS	54	$294.54 ea.	$279.81 ea.
–	–	3/0	Ruby	272X246	15532SS	60	$294.54 ea.	$279.81 ea.	272X246	15532SS	60	$294.54 ea.	$279.81 ea.
300 kcmil	–	4/0	White	272X248	15534SS	66	$294.54 ea.	$279.81 ea.	272X248	15534SS	66	$294.54 ea.	$279.81 ea.
350 kcmil	775/24 (short)	250 kcmil	Red	272X228	15514SS	71	$294.54 ea.	$279.81 ea.	272X228	15514SS	71	$294.54 ea.	$279.81 ea.
400 kcmil	775/24 (long)	300 kcmil	Blue	272X224	15512SS	76	$294.54 ea.	$279.81 ea.	272X224	15512SS	76	$294.54 ea.	$279.81 ea.
–	925/24*	–		272X232	15517SS	80H	$294.54 ea.	$279.81 ea.	272X232	15517SS	80H	$294.54 ea.	$279.81 ea.
500 kcmil	–	350 kcmil	Brown	272X216	15506SS	87H	$294.54 ea.	$279.81 ea.	272X216	15506SS	87H	$294.54 ea.	$279.81 ea.
600 kcmil	1100/24	400 kcmil	Green	272X249	15536SS	94H	$294.54 ea.	$279.81 ea.	272X249	15536SS	94H	$294.54 ea.	$279.81 ea.
700 kcmil	1325/24**	500 kcmil	Pink	272X214	15505SS	99H	$294.54 ea.	$279.81 ea.	272X214	15505SS	99H	$294.54 ea.	$279.81 ea.
750 kcmil	–	650 kcmil	Black	272X230	15515SS	106H	$294.54 ea.	$279.81 ea.	272X230	15515SS	106H	$294.54 ea.	$279.81 ea.
900 kcmil	1925/24	750 kcmil	Yellow	272X212	15504SS	115H	$294.54 ea.	$279.81 ea.	272X212	15504SS	115H	$294.54 ea.	$279.81 ea.
800 kcmil	–	–	Orange	–	–	–	–	–	272X508	15608†	107H	$700.77 ea.	$700.77 ea.
–	–	700 kcmil	Purple	–	–	–	–	–	272X509	15609†	112H	$700.77 ea.	$700.77 ea.
1000 kcmil	–	800 kcmil	–	–	–	–	–	–	272X203	15603†	125H	$700.77 ea.	$700.77 ea.
–	–	1000 kcmil	–	–	–	–	–	–	272X202	15602†	140H	$700.77 ea.	$700.77 ea.
–	–	1000 kcmil	–	–	–	–	–	–	272X490	15601†	150H	$605.36 ea.	$605.36 ea.

*Standard barrel only; long barrel requires Brown 87H. **Standard barrel only; long barrel requires Black 106H.
***15500 Series dies require 15500-TB adapter. 15500F for full size die to fit TBM15I without adapter. †15600 Series dies are not stainless steel.

Color-Keyed® Dies for Copper H-Taps
➤ Use dies with the TBM14M and TBM15I to crimp copper H-taps
➤ Match die color and index number to the corresponding H-tap

Conductor Size Code (Flex)				Color Code	SPC No.	Part No.	Code	Price Each
Main	Branch 1	Branch 2	Branch 2					
8-14 8-14	(8-14) (8-14)	–	–	Green	272X155	15CA37RCH	37R	$796.96
2-6 STR/SOL (2-8)	2-6 STR/SOL (2-8)	8-14 (8-14)	8-14 (8-14)	Brown	272X150	15CA71RCH	71R	$796.96
250-2 (4/0-2)	250-14 (4/0-14)	8-14 (8-14)	–	Purple	272X200	15CA80RCH	80R	$796.96
500-4/0 (350-4/0)	500-1/0 (350-1/0))	1 STR 2-6 (1-8)	8-14 (8-14)	Brown	272X250	15612CH	N	$605.36
750-350 (550-500)	750-1/0 (550-1/0)	1 STR 2-6 (1-8)	2-14 (2-14)	Yellow	272X520	15620CH	Z	$605.36

Color-Keyed® Dies for TBM8/8S and TBM5/5S Crimpers

Connector Size			Color Code	For TBM-8/8S				For TBM-5/5S			
Copper	Flex/24	AL/CU		SPC No.	Part No.	Price, 1-5	Price, 6-up	SPC No.	Part No.	Price, 1-5	Price, 6-up
8 AWG	37/24	10 AWG	Red	272X061	13461	$126.08 ea.	$119.77 ea.	272X480	13454	$125.55 ea.	$119.28 ea.
6 AWG	61/24	8 AWG	Blue								
4 AWG	91/24	6 AWG	Gray								
2 AWG	125/24	–	Brown								
1 AWG	150/24	4 AWG	Green	272X062	13462	$116.51 ea.	$110.68 ea.	272X469	13455	$116.51 ea.	$110.68 ea.
1/0	225/24	2 AWG	Pink								
2/0	275/24	–	Black								
3/0	325/24	–	Orange								
4/0	450/24	–	Purple	272X063	13463	$116.51 ea.	$110.68 ea.	272X482	13456	$125.55 ea.	$119.28 ea.
250 kcmil	550/24	–	Yellow								
–	–	1 AWG	Gold	–	–	–	–	272X486	13457	$129.26 ea.	$122.80 ea.
–	–	1/0	Tan								
–	–	2/0	Olive								
–	–	3/0	Ruby								
300 kcmil	–	4/0	White	272X065	13465	$116.51 ea.	$110.68 ea.	–	–	–	–
350 kcmil	775/24 (short)	250 kcmil	Red	272X066	13466	$129.26 ea.	$122.80 ea.	272X488	13458	$129.26 ea.	$122.80 ea.
400 kcmil	775/24 (long)	300 kcmil	Blue	272X067	13467	$126.08 ea.	$119.77 ea.	–	–	–	–
500 kcmil	–	350 kcmil	Brown	272X068	13468	$125.55 ea.	$119.28 ea.	–	–	–	–

Telecom Cable Tools

Thomas&Betts
ABB INSTALLATION PRODUCTS

Color-Keyed® Connection by Compression

➤ T&B method of installing compression connectors on electrical cables delivers a high degree of reliability with low electrical resistance in central office power and grounding applications

➤ C.O. Installation and maintenance personnel make high-quality installations with little effort and considerable time savings

➤ COLOR-KEYED connectors are made of high-conductivity wrought copper and are electro-tin plated to prevent corrosion and oxidation for improved conductivity

➤ T&B method connectors come in a range of sizes and styles to accommodate #14-AWG through 900-kcmil copper cable

➤ Compress connectors on cable with manual or hydraulic tools

➤ Lugs are available in standard length or with long barrel with one or two bolt holes

➤ Two-hold lugs are ideal for buss bar applications that require two bolts to prevent lug rotation

How to Choose the Proper Lugs

Use the charts on these two pages to help you select the proper T&B lugs, taps and covers for your wire sizes and applications. First, do you need two-hole or one-hole connectors? Two-hole lugs are ideal for bus bar applications that require two bolts to prevent lug rotation while one-hole lugs are intended for standard use. Next, do you need long- or short-barrel lugs? Long-barrel connectors are designed for industrial applications and have a heavy-duty design that permits additional crimping for added mechanical strength. Short-barrel lugs are designed for regular-duty applications and are ideal for use in confined spaces. Finally, match the wire size column up with the short- or long-barrel stock number to order.

H-Taps and C-Taps are designed for permanent pig tailing, two-way splicing or tapping to an unbroken continuous main. They require corresponding hard shell outer covers to guard against impact. An inner seal keeps out dust. They install quickly and easily without special tools. Just determine what wire size is being used for the main and the branch. Then order the corresponding tap and cover stock numbers.

All of these lugs and taps are made for use with copper conductors. Using Thomas & Betts lugs and taps assures high conductivity, low resistance and high pullout values which exceed UL requirements.

Two-Hole Short- and Long-Barrel Lugs

➤ Copper barrel lugs are marked to show the cable size
➤ Color bands correspond to color markings on proper dies
➤ Die code number is marked for easy inspection

Wire Size Code (Flex)	Color	Bolt Size	Center Spacing	Short Barrel Stock No.	Short Barrel Part No.	Price Ea. 1-11	Price Ea. 12-up	Long Barrel Stock No.	Long Barrel Part No.	Price Ea. 1-11	Price Ea. 12-up
#14-#10 AWG	Yellow	#10	⅝ - ¾"	273X305	256-31426-3	$8.15	$6.89	–	–	–	–
#14-#10 AWG	–	¼"	⅝"	–	–	–	–	273X260	256-30695-1298	$8.57	$8.14
# 8 AWG	Red	#10	⅝"	273X536	54204	$3.16	$2.63	–	–	–	–
#8 AWG	Red	¼"	⅝"	–	–	–	–	273X578	54850BE	$3.98	$3.32
#8 AWG	Red	⅜"	1"	–	–	–	–	273X220	256-30695-1157	$3.98	$3.32
#6 AWG	Blue	¼"	⅝"	273X538	54205	$4.64	$3.92	273X200	54852BEPH	$6.75	$5.71
#6 AWG	Blue	¼"	¾"	273X210	256-30695-1095	$4.64	$3.92	273X245	256-30695-1225	$6.75	$5.71
#6 AWG	Blue	¼"	1"	273X270	256-30695-252	$4.60	$3.83	–	–	–	–
#6 AWG	Blue	⅜"	1"	273X275	256-30695-253	$4.87	$4.12	273X225	256-30695-1158	$6.75	$5.71
#4 AWG	Grey	¼"	⅝"	273X540	54206	$5.09	$4.31	273X582	54854BE	$6.91	$5.85
#4 AWG	Grey	¼"	¾"	–	–	–	–	273X255	256-30695-1246	$6.89	$5.83
#4 AWG	Grey	¼"	1"	–	–	–	–	273X205	256-30695-1015	$6.91	$5.85
#4 AWG	Grey	⅜"	1"	–	–	–	–	273X230	256-30695-1159	$7.25	$6.14
#2 AWG	Brown	¼"	⅝"	273X542	54207	$6.29	$5.32	–	–	–	–
#2 AWG	Brown	⅜"	1"	273X280	256-30695-257	$6.29	$5.32	273X235	256-30695-1160	$7.25	$6.14
#1 AWG (#2 AWG)	Green	¼"	⅝"	273X544	54208	$5.38	$4.55	–	–	–	–
2/0 AWG (1/0 AWG)	Black	⅜"	1"	273X548	54210	$19.00	$18.05	–	–	–	–
3/0 AWG (2/0 AWG)	Orange	⅜"	1"	273X550	54211	$7.78	$6.58	–	–	–	–
4/0 AWG	Purple	½"	1¾"	273X608	54270	$19.63	$18.65	–	–	–	–
250 kcmil (4/0 AWG)	Yellow	⅜"	1"	273X285	256-30695-399	$79.62	$75.63	273X250	256-30695-1245	$31.83	$30.24
350 kcmil	Red	⅜"	1"	273X554	54215	$32.08	$30.47	–	–	–	–
400 kcmil	Blue	½"	1¾"	–	–	–	–	273X612	54874BE	$43.69	$41.51
	Brown										
600 kcmil	Green	½"	1¾"	–	–	–	–	273X614	54878BE	$29.89	$28.40

Telecom Cable Tools

One-Hole Short- and Long-Barrel Copper Lugs

➤ Feature die code numbers and cable size indications
➤ Color bands correspond to color markings on proper dies

Thomas&Betts
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Wire Size Code (Flex)	Color	Bolt Size	Short Barrel Stock No.	Short Barrel Part No.	Price Ea. 1-11	Price Ea. 12-up	Long Barrel Stock No.	Long Barrel Part No.	Price Ea. 1-11	Price Ea. 12-up
#14-#10 AWG	–	¼"	273X265	256-30695-1352	$8.38	$7.97	–	–	–	–
#8 AWG	Red	#10	273X500	54104	$1.68	$1.40	–	–	–	–
#8 AWG	Red	¼"	273X530	54130	$1.76	$1.47	273X598	54930BE	$1.58	$1.32
#6 AWG	Blue	#10	273X532	54134	$1.86	$1.55	–	–	–	–
#6 AWG	Blue	¼"	273X502	54105	$1.92	$1.60	273X590	54905BE	$2.44	$2.03
#4 AWG	Grey	¼"	273X504	54106	$2.42	$2.02	273X592	54906BE	$6.55	$5.54
#2 AWG	Brown	¼"	273X512	54107	$3.16	$2.63	–	–	–	–
#2 AWG	Brown	⅜"	273X534	54143-TB	$3.16	$2.63	–	–	–	–
#2 AWG	Brown	⁵⁄₁₆"	273X600	54942BE	$4.92	$4.10	–	–	–	–
#1 AWG (#2 AWG)	Green	¼"	273X514	54108	$4.60	$3.89	–	–	–	–
1/0 AWG	Pink	⅜"	273X516	54109	$4.71	$3.98	–	–	–	–
2/0 AWG (1/0 AWG)	Black	⅜"	273X518	54110	$5.42	$4.58	273X594	54910BE	$7.96	$6.74
4/0 AWG	Purple	⅜"	273X522	54112	$7.20	$6.09	–	–	–	–
(4/0 FLEX)	Yellow	⅜"	273X602	58163	$20.51	$19.48	–	–	–	–
350 kcmil	Red	½"	273X524	54115	$26.77	$25.43	–	–	–	–
(400 kcmil)	–	½"	273X604	58177	$36.63	$34.80	–	–	–	–
500 kcmil	Brown	½"	273X526	54118	$36.63	$34.80	–	–	–	–
535 kcmil	Pink	⅝"	273X606	58182	$28.91	$27.46	–	–	–	–
750 kcmil	Black	⅝"	273X528	54123-TB	$59.35	$56.39	–	–	–	–

All T&B Compression Connectors (lugs) come in both One & Two Hole, Standard Barrel, Long Barrel and Belled End Barrels. Please contact SPC for other sizes not listed.

Copper H-Taps and Covers

➤ Feature die code numbers and color bands that correspond to color markings on proper dies
➤ Covers provide hard-shell insulated protection

Wire Size Code (Flex)				Color	H-Tap Stock No.	H-Tap Part No.	Price Ea. 1-5	Price Ea. 6-up	Cover Stock No.	Cover Part No.	Price Ea. 1-11	Price Ea. 12-up
Main	Branch 1	Branch 2	Branch 3									
8-14 (8-14)	8-14 (8-14)	–	–	Green	273X024	CHT814-10	$49.38	$46.92	–	–	–	–
2-6 Str/Sol (2-8)	2-6 Str/Sol (2-8)	8-14 (8-14)	8-14 (8-14)	Brown	273X000	CHT214-9	$13.29	$12.63	273X069	HTC40	$21.80	$20.71
250-2 (4/0-2)	2-6 Str/Sol (2-8)	8-14 (8-14)	–	Purple	273X003	–	–	–	273X069	HTC40	$21.80	$20.71
250-2 (4/0-2)	250-2 (4/0-2)	–	–	Purple	273X006	CHT2502-6	$35.43	$33.66	273X069	HTC40	$21.80	$20.71
500-4/0 (350-4/0)	250-1/0 (4/0-1/0)	1 STR 2-6 (1-8)	8-14 (8-14)	Brown	273X012	CHT50010-5	$205.80	$195.51	–	–	–	–
750-350 (550-500)	4/0-1/0 (250-1/0)	1 STR 2-6 (1-8)	2-14 (2-14)	Yellow	273X018	CHT75010-3	$175.18	$166.43	–	–	–	–

Copper C-Taps and Covers

➤ C-Taps are marked to show cable size and die code number
➤ Color bands correspond to color markings on proper dies
➤ Covers provide hard-shell insulated protection

Wire Size Code		Color	C-Tap Stock No.	C-Tap Part No.	Price Ea. 1-11	Price Ea. 12-up	Cover Stock No.	Cover Part No.	Price Ea. 1-11	Price Ea. 12-up
Main	Branch 1									
6 SOL/STR	12 SOL/STR-6 SOL/STR	Gray	273X562	54715	$3.96	$3.30	–	–	–	–
4 STR	12 SOL/STR-4 STR	Brown	273X564	54720	$4.62	$3.85	273X069	HTC40	$21.80	$20.71
5-3	6-12	Green	272X597	54725	$8.55	$8.13	–	–	–	–
2 STR	12 SOL/STR-2 STR	Pink	273X566	54730	$6.20	$5.25	273X069	HTC40	$21.80	$20.71
1/0 STR	12 SOL/STR-1/0 STR	Orange	273X568	54740	$8.85	$7.49	–	–	–	–
4/0-1	2/0-8	Blue	273X570	54755	$33.42	$31.74	273X069	HTC40	$21.80	$20.71
250 kcmil-4/0	4/0-8	Brown	273X572	54760	$45.78	$43.50	–	–	–	–
300 kcmil-2/0	250 kcmil-8	Black	273X574	54770	$45.55	$43.28	–	–	–	–
500 kcmil-250 kcmil	350 kcmil-6	Yellow	273X576	54775	$32.95	$31.31	–	–	–	–

SPCToolKits

SPC200WA   SPC200RA

SPC200 Field Technician Tool Kits

➤ Supplies field service technicians with the most frequently used tools for a wide range of maintenance applications

➤ Choose from three molded tool case styles

SPC No.	Description	Price
SPC200KA	Roto-Classic Tool Kit (17½" x 12½" x 8½")	1-5, $738.00 ea.; 6-up, $702.00 ea.
SPC200WA	Waterproof Tool Kit (18½" x 13¾" x 7¾")	1-5, $745.00 ea.; 6-up, $708.00 ea.
SPC200RA	Roto-Rugged Tool Kit (17½" x 14½" x 8½")	1-5, $751.00 ea.; 6-up, $714.00 ea.

SPC200 Field Technician Kit Tools List

2 Solder Aids	Offset Combo Screwdriver
Steel Solder Brush	2 Alignment Tools
Slip Joint Pliers, 6"	Locking Pliers, 7"
Utility Pliers, 10"	Center Punch, ³⁄₃₂"
2 Pin Punches, ¹⁄₁₆" & ⅛"	2 Adjustable Wrenches, 4" & 6"
Steel Rule, 6"	Crimp/Strip Tool, 10-22 AWG
Reverse Action Tweezer	Slot Screwdriver, ⅛" x 3"
Diagonal Pliers, 6½"	Slot Screwdriver, ¼" x 1½"
Long Nose D Pliers, 7"	Slot Screwdriver, ¼" x 4"
Spring Hook Tool	Slot Screwdriver, ¼" x 6"
Burnishing Tool, 3/Pk.	Phillips Screwdriver, #0 x 4"
Tape Measure, ¾" x 16'	Phillips Screwdriver, #2 x 1½"
Jeweler's Screwdriver Set	Phillips Screwdriver, #2 x 4"
Electrician's Scissors	Phillips Screwdriver, #2 x 6"
Straight Hemostat, 6"	Nut Driver, ³⁄₁₆"
Round Inspection Mirror	Nut Driver, ¼"
Precision Knife	Nut Driver, ⁵⁄₁₆"
Piano Wire Cutters	Nut Driver, ¹¹⁄₃₂"
Needle Nose Pliers, 6"	Nut Driver, ⅜"
Fold-Up Std/Met Hex Key Set	Nut Driver, ⁷⁄₁₆"
Fold-Up Torx Set	Nut Driver, ½"

SPC88SHD   SPC88R   SPC88RD

SPC88 Field Engineer Electronics Tool Kits

➤ Use to repair a wide range of electronic equipment such as computers, office products, automated processes and medical equipment

➤ Four tool case styles to choose from

SPC No.	Description	Price
SPC88SHX	Roto-Rugged Tool Kit (17½" x 14" x 10")	1-5, $878.00 ea.; 6-up, $835.00 ea.
SPC88SHD	Roto-Rugged Tool Kit (17½" x 14" x 7")	1-5, $876.00 ea.; 6-up, $833.00 ea.
SPC88R	Roto-Classic Tool Kit (17½" x 12½" x 5½")	1-5, $953.00 ea.; 6-up, $906.00 ea.
SPC88RD	Roto-Classic Tool Kit (17½" x 12½" x 8½")	1-5, $953.00 ea.; 6-up, $906.00 ea.

SPC88 Field Engineer Electronics Kit Tools List

Flashlight	Midget Chain Nose Pliers
Electrician's Scissors & Knife	Long Nose Pliers with Cutter
2 Adjustable Wrenches, 4", 8"	Utility Pliers, 10"
2 Alignment Tools	Offset Ratchet Screwdriver
Inspection Mirror	3 Pocket Burnishers
Reverse-Action Tweezer	Center Punch, 1/4"
Soldering Aid	2 Pin Punches, 1/16" and 1/8"
Scribe, Ice pick-Type	Ball Peen Hammer, 4-Ounce
6 Slot Screwdrivers	Stripper/Cutter/Crimper Tool
Slot and Phillips Screwdrivers, Stubby	Ignition-Type Wrench
	Metal Rule, 6"
3 Phillips Screwdrivers	Retaining Ring Pliers, 1 ea.
Screwholding Slot Screwdriver	Soldering Iron, 25-Watt
22-30 AWG Wire Stripper	Thickness Gauge
60/40 Pocket Pack Solder	2 Driver Handles
2 Diagonal Cutting Pliers, 4", 5"	6 Bristol Spine Blades,
9 Nut Driver Blades, 3/16"-1/2"	.048-.096"
Allen Hex Blades, .050"-3/16"	Jeweler's Screwdriver Set

SPC95C Inch & Metric Field Service Kit

➤ Designed for service techs who work on a variety of equipment

➤ Includes the industry's most common fastening tools

➤ Deep roto-rugged black case offers a built-in luggage cart

SPC95C Inch & Metric Field Service Kit Tools List

10 Spline Key Set (.033"-.110")	2 Wire Strippers, 10-18 and 22-32 AWG	Utility Pliers, 10"
Combination Crimp Tool		Long Nose Pliers with Cutter
Inspection Mirror	Receptacle Analyzer	Vise Grip Pliers, Small
Ball-End Hex Set, ⁵⁄₆₄"-³⁄₁₆"	Combination Spring Hook Tool	Precision Knife
Ball-End Hex Set, 1.5-5 mm	Pocket Pack/Solder	Regular Blade Handle
Std. Combination Wrench Set	Retaining Ring Pliers	Ratcheting Blade Handle
Metric Combination Wrench Set	3 Contact Burnishers	9 Nut Driver Blades, ³⁄₁₆"-½"
Bench-Type Brush, Soft	Desoldering Tool	9 Nut Driver Blades, 4-10 mm
2 Alignment Tools	Electrician's Scissors	5 Slot Screwdrivers
Center Punch	Hemostat, Straight, 6"	Stubby Slot Screwdriver, ¼"
2 Pin Punches, ¹⁄₁₀" and ⅛"	2 Adjustable Wrenches, 4", 8"	Stubby Phillips Screwdriver, #2
Ball Peen Hammer, 4-Ounce	Soldering Iron, 25-Watt	3 Phillips Screwdrivers (#0, #1, #2)
Hand Reamer, ⅛"-⅜"	Chain Nose Pliers, 4.5"	Torx Driver Set, 6-Piece (T10-T30)
Screw Starting Screwdriver	Diagonal Cutting Pliers, 4", 5"	

SPC No.	Description	Price
SPC95C	Service Kit (17½" x 14½" x 10")	1-5, $1474.00 ea.; 6-up, $1401.00 ea.

SPCToolKits

SPC81MLB

SPC81
Electro-Mechanical
Service Kits

➤ Kits are a comprehensive mobile solution for in-plant service and repair of electro-mechanical equipment

➤ Kit include niche items like soldering equipment and insulated terminals

SPC No.	Description	Price
SPC81CMB	Mil-Style Wheeled Kit (18¹" x 15" x 12")	1-5, $1871.00 ea.; 6-up, $1778.00 ea.
SPC81MLB	Mil-Style Case Kit (17½" x 14" x 9")	1-5, $1758.00 ea.; 6-up, $1671.00 ea.

SPC81 Tools List	
2 Utility Pliers, 8" and 12"	5 Slot Screwdrivers
Slip Joint Pliers, 6"	4 Phillips Screwdrivers
Deluxe Desoldering Tool	Balldriver Hex Set, 13-Pc.
T-Handle Mechanic's Reamer	Safety-Approved Flashlight
Thickness Gauge, 26 Sizes	Electrical Tape, 1 Roll
Lineman's Side Cut Pliers, 9"	Instrument Oiler, 4-Ounce
Diagonal Cutting Pliers, 5"	Standard Vise Grip Pliers, 7"
Long Nose Pliers w/Cutter, 6"	10 Combination Wrenches
High-Leverage Diag. Pliers, 8"	⅜" Drive Socket Set
Metal Hacksaw w/Blades, 10"	Extension Cord, 10"
High-Leverage Cable Cutter	2 Wire Strippers, 8-26 AWG
Insulated Terminals/Connectors	GFI Receptacle Analyzer
2 Adjustable Wrenches, 6", 10"	Multi-Purpose Crimp Tool
SAE/Metric Tape Measure, 16"	Cable Tie Assortment, 100-Pc.
Retractable Utility Knife	Soldering Iron, 60-Watt
Ball Peen Hammer, 12-Ounce	9 Nutdrivers
Deluxe Oval Inspection Mirror	Magnetic Pick-up Tool

SPC185
Technician's Service Kits

➤ These kits address the requirements of specialized electronics service professionals who demand quality tools

➤ Use tools for working with medical equipment and sophisticated electronics

SPC185BP

SPC No.	Description	Price
SPC185	Zipper Case Kit (18" x 13" x 3.5"	1-5, $906.00 ea.; 6-up, $861.00 ea.
SPC185BP	Backpack Kit (18" x 16" x 14")	1-5, $912.00 ea.; 6-up, $867.00 ea.

SPC185 Tools List	
8" Utility Pliers	Deluxe Hex Wrench Set,
Offset Ratchet Screwdriver	English & Metric
2 Adjustable Wrenches, 4", 8"	Crimping Tool
Screw Starter, Slot/Phillips	Vise Grip Pliers, 6"
Temperature-Controlled	26-16 AWG Wire Stripper
Soldering Iron	Chain Nose Pliers, 4.5"
Regular Handle	Long Nose Pliers, 6"
Blade Extension, 4"	Needle Nose Pliers, 5"
17 Nut Driver Blades, SAE/Metric	Flush Cutting Pliers, 4"
2 Slot Screwdriver Blades	Diagonal Cutting Pliers, 5"
2 Phillips Screwdriver Blades	Mag-Lite Flashlight w/
5 Slot Screwdrivers	Batteries
3 Phillips Screwdrivers	Conductive Adjustable
Conductive Desoldering Tool	Wrist Strap

SPCToolKits

SPC118
Ultimate PC Repair Kits

➤ Designed for in-house computer/office equipment repair technicians and field service personnel

➤ Tools to install, maintain and troubleshoot PCs, workstations and servers

SPC118C

SPC No.	Description	Price
SPC118X	Two-Sided Case Kit (18.5" x 11.25" x 7")	1-5, $789.00 ea.; 6-up, $750.00 ea.
SPC118C	Zipper Case Kit (18.25" x 11.25" x 4.5")	1-5, $702.00 ea.; 6-up, $667.00 ea.

SPC118 Tools List	
Slip Joint Pliers, 6"	2 Torx Blade, #10 & #15
Wrist Strap, 6' Cord, 4 mm	2 Slot Screwdriver, 1½" & 2½"
Utility Pliers, 7"	Phillips Screwdriver, #00-Pt
Chain Nose Pliers, 5"	Std. Mag. Bit Holder, ¼" Drive
Diagonal Cutter, 4"	13-Pc. Ball Hex Set, .5-⅜"
Screwdriver with Phillips	Metric Ball End Driver Key Set
Retract, Snap Blade Knife	Precision Screwdriver Set, 7-pc.
Cable Ties, 10/pkg.	Key Cap Puller
Label Marker, ¾" X 3"	Sharpie, Black Fine Point
.5" x 6" Blue Velcro, 10/pkg.	Alignment Tool, Duplex
Screw Starter, Slot/Phillips	Screen Prep, 3 Sets
Magnetic Retrieving Tool	T6 Stripper
Blade Extension, 4"	Wire Cutter
Junior Handle	Stat-Gard Receptacle Analyzer
4 Nut Driver Blades, ³⁄₁₆"- ⅜"	Cordless Screwdriver
2 Screwdriver Blades, ⅛" & ¼"	AA Cells, 2-Pack
2 Phillips Blades, #1 & #2 Point	AA Mini MagLite (Black)

Tool Kits

Roto-rugged cart case has wheels and handle

⅜" drive SAE set includes standard and deep sockets

SPCToolKits

SPC55 MRO Mechanics Tool Kit

➤ Kit includes the common tools used in electro-mechanical applications

➤ Roto-rugged case protects contents in all environments

SPC No.	Description	Price
SPC55	MRO Mechanics Tool Kit (17½" x 14½" x 8½")	1-5, $1463.00 ea.; 6-up, $1390.00 ea.

SPC55 Tools List	
Slip Joint Pliers, 6"	Piano Wire Cutters
Utility Pliers, 12"	Needle Nose Pliers, 6"
Pin Punch Set, 8-Piece	Flat Nose Pliers, 5½"
Reamer with	Torx Fold-Up Set, T6-T25
Screwdriver Handle	13 Ball Hex Set, .050-⅜"
Hacksaw, 12"	9 Metric Hex Keys, 1.5-10mm
Hacksaw Blades, 10/pkg	2-D Flashlight
Zipper Bag, 6" x 10"	2 D Alkaline Batteries
Retractable Utility Knife	Ignition Wrench Set, 8-Piece
Ball Pein Hammer, 12 oz.	7 SAE Nut Drivers, ³⁄₁₆"-½"
Large Round Mirror	Locking Pliers, 7"
Magnetic Pick-Up Tool	2 Adju. Wrenches, 4" & 8"
Flexible Parts Picker, 23"	Combination Cut/Strip Tool
Soldering Iron, 25-Watt	Static Cutting Shears, 5"
11 Combination SAE	5 Slotted Screwdrivers,
Wrenches, ⅜"-1"	⅛" x 3" - ¼" x 6"
⅜" Drive SAE Socket Set	4 Phillips Screwdrivers,
21-Piece, ⅜"-⅞"	#0 x 4" - #2 x 6"

Insulated Ratchet Kit w/Rubber Blanket

➤ Kit includes insulated 12-point sockets in metric and SAE sizes, a ⅜" drive ratchet wrench plus 3" and 6" extensions

SPC No.	Price
SPC820	1-5, $938.00 ea.; 6-up, $892.00 ea.

Insulated Torque Screwdriver Kit with Rubber Material

➤ Insulated 2 to 36 inch/pound torque screwdriver comes with 16 bits

➤ Insulating Class 0 rubber material is 3' x 30'

SPC No.	Price
SPC885	1-5, $1912.00 ea.; 6-up, $1817.00 ea.

Insulated Screw Holding Screwdriver Kit

➤ Insulated gripping screwdrivers are ASTM F1505-01 certified

➤ Each tool features a screw holding slot

SPC No.	Price
SPC959	1-5, $146.00 ea.; 6-up, $139.00 ea.

FOR MORE INFORMATION ON THESE KITS AND OTHER INSULATED TOOLS & KITS SEE PAGES 116-121, 124-127

SPCToolKits

SPC935 Insulated Bare Head Nut Driver Kit

➤ Includes six bare head nut drivers from ¼"-½"

➤ Each nut driver has a 3" shaft and cushion grip handle with a tip size marking on the end

SPC No.	Description	Price
SPC935	Bare Head Nut Driver Kit	1-5, $154.00 ea.; 6-up, $147.00 ea.

SPCToolKits

SPC787 Belt Pouch Insulated Tool Kit

➤ Kit includes insulated long nose and diagonal cutting pliers and an 8-in-1 interchangeable screwdriver set

➤ Ballistic nylon belt pouch has four pockets and snap loop

SPC No.	Description	Price
SPC787	Belt Pouch Tool Kit	1-5, $234.00 ea.; 6-up, $223.00 ea.

CABLE MANAGEMENT

Installing cable requires more equipment than just testers and tools. Many ancillary items help the job get done as efficiently and professionally as possible. These are the products located in this section. Some items make the cable installation easier, like the BES and Crain fiberglass poles and rods, Ideal and Klein Tools fish tapes and Jameson duct rodders. Other equipment aids in seeing behind the wall, such as Jonard Tools Ferret inspection camera and Magnepull and Jameson cable locators, plus other cable retrieval and wire pulling equipment. Specialized Products also supplies 3M and T&B heat shrink tubing and crimp kits, plus Corning Scotchlok™ IDC connectors. To organize installed cable we offer a wide selection of Brother and Brady label makers and labels, as well as write-on tags, cable ties, cable tape and electrical tape.

Labeling

Brother and Brady label makers are user friendly, with intuitive navigation and label application keys. They are portable and can be used to print from a computer, database or mobile device. Labels are available in a variety of materials and sizes, and are chosen for specific applications. For example, extra-strength labels are tested for use in harsh environments, tamper-evident labels reveal something has been moved, and flexible ID labels wrap easily for flagging cable.

Installation Equipment

The proper cable installation equipment can make a big difference on a job. Some products extend an installer's reach, like glow rods and fish tapes. Other equipment locates cable behind walls. And when it is time to organize cable labels, cable ties and installation tools are a must. The equipment in this section will help make any installation a success, whether working with fiber, coax, twisted pair or electrical wire and cable.

Tool Kits

Tool kits are made with a specific emphasis in mind, like the SPC140 cable lacing kit. When the needed tool kit just isn't to be found, customize! Choose the case, parts boxes, connectors and adapters needed to get the cable installation job done.
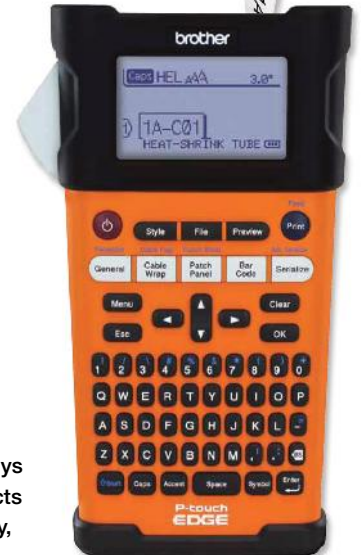
PT-E110 accepts 3.5, 6, 9 and 12 mm HGe and TZe tapes

PT-E300 accepts 3.5, 6, 9, 12 and 18 mm HGe & TZe tapes plus 5.8, 8.8, 11.7 & 17.7 mm HSe heat shrink tubing

brother

PT-E110 Compact Industrial Label Printer

➤ Features manual cutter and intuitive navigation with three application keys
➤ Ideal tool bag printer for small jobs
➤ Kit includes starter TZeFX221 tape, wrist strap and case

SPC No.	Part No. and Description	Price
118X400	PT-E110 Label Printer Kit	1-11, $61.81 ea.; 12-up, $59.95 ea.

PT-E300 Industrial Label Printer

➤ Has manual stop cutter, advanced serialization and five application keys
➤ For mid-sized jobs and MAC projects
➤ Kit includes TZeFX231 tape, battery, ac adapter, wrist strap and case

SPC No.	Part No. and Description	Price
118X442	PT-E300 Label Printer Kit	1-5, $144.44 ea.; 6-up, $140.11 ea.
118X195	PT-E300M Label Printer Only	1-5, $124.31 ea.; 6-up, $120.58 ea.

Brother Labeling Tool Comparison						
	PT-E110	PT-E300	PT-E500	PT-E550W	PT-E800W	PT-P950NW
Keyboard Style	QWERTY	QWERTY	QWERTY	QWERTY	QWERTY	–
Interface	–	–	USB	USB, WiFi	USB, WiFi	USB, WiFi, Ethernet
LCD Display	15 char x 1 line	15 char x 2 lines	15 char x 2 lines	15 char x 2 lines	15 char x 4 lines	-
Number Of Fonts	1	7	14	14	14	Software
Barcoding	No	Yes	Yes	Yes	Yes	Yes
Max Print Height	9 mm	15.8 mm	18.1 mm	18.1 mm	32 mm	32 mm
Print Speed	0.78"/sec	0.8"/sec	1.2"/sec	1.2"/sec	3.15"/sec	3.15"/sec

PT-E500 accepts 3.5, 6, 9, 12, 18 and 24 mm HGe & TZe tapes plus all HSe heat shrink tubing sizes

PT-P800W Portable Desktop Label Printer

➤ Features detachable full-size keyboard, storage compartment, dual blade automatic cutter and carry handle
➤ Print labels to 36 mm over WiFi or USB

SPC No.	Part No. & Desc.	Price
118X192	PT-E800W Label Printer	1-5, $630.90 ea.; 6-up, $611.98 ea.

brother

PT-E500 Series USB and Wireless Label Printers

➤ Import a database with PC or Wi-Fi® connectivity printer options
➤ Built-in automatic cutter
➤ Kits include tape, battery, ac adapter, mini USB cable, wrist strap and case

SPC No.	Part No. and Description	Price
118X198	PT-E500 USB Label Printer	1-5, $185.76 ea.; 6-up, $180.19 ea.
118X380	PT-E550W Wireless Label Printer	1-5, $261.11 ea.; 6-up, $253.28 ea.

Wi Fi™

PT-P950NW Wireless Desktop Label Printer

➤ Labeler features WiFi, USB and RS-232 interfaces plus Ethernet connectivity
➤ 3.5, 6, 9, 12, 18, 24 & 36 mm HGe/TZe tapes

SPC No.	Part No.	Price
118X220	PT-P950NW	1-5, $577.43 ea.; 6-up, $560.11 ea.

Brother P-Touch® Tapes and Laminated Labels

➤ Brother P-touch tape cassettes are interchangeable and simply drop in

➤ Cassettes contain all the materials required to produce durable laminated labels

➤ HGe and TZe tapes are adhesive backed with a clear polyester lamination layer that is applied over the printed text during the printing process for long-lasting durability

➤ Glossy laminated P-touch labels that are resistant to moisture, some chemicals and oils, abrasion, UV rays and extreme temperatures

➤ HGe and TZe cassettes hold 26.2 feet of tape

➤ Suitable for indoor and outdoor use, Brother laminated tapes are available in standard, extra strength, tamper-evident and flexible ID styles

➤ See our website at www.specialized.net for additional label types

brother

Extra-Strength Adhesive Tapes

➤ Use on hard to stick to surfaces like rough, textured and powder-coated

➤ Sold in packages of five label cassettes

SPC No.	Part No.	Size	Color	Price/5 Pkg. 1-5	6-up
118X116	HGeS1215PK	.35"/9mm	Black on Clear	$71.72	$68.14
118X118	HGeS1315PK	.47"/12mm	Black on Clear	$78.25	$74.33
118X120	HGeS1415PK	.7"/18mm	Black on Clear	$91.28	$86.71
118X122	HGeS1515PK	.94"/24mm	Black on Clear	$106.49	$101.17
118X124	HGeS2115PK	.23"/6mm	Black on White	$65.20	$61.94
118X130	HGeS2415PK	.7"/18mm	Black on White	$91.28	$86.71
118X132	HGeS2515PK	.94"/24mm	Black on White	$106.49	$101.17
118X134	HGeS2615PK	1.4"/36mm	Black on White	$150.94	$143.39
118X136	HGeS6215PK	.35"/9mm	Black on Yellow	$72.62	$68.98
118X138	HGeS6315PK	.47"/12mm	Black on Yellow	$78.97	$75.02
118X140	HGeS6415PK	.7"/18mm	Black on Yellow	$92.34	$87.72
118X142	HGeS6515PK	.94"/24mm	Black on Yellow	$105.29	$100.03
118X144	HGeS6615PK	1.4"/36mm	Black on Yellow	$150.94	$143.39
118X146	HGeS9415PK	.7"/18mm	Black on Matte Silver	$106.17	$100.86
118X148	HGeS9515PK	.94"/24mm	Black on Matte Silver	$119.14	$113.18
118X150	HGeS9615PK	1.4"/36mm	Black on Matte Silver	$166.23	$157.92

Standard Laminated Label Cassette Tapes

➤ TZe tapes deliver durable and crisp labels

➤ General purpose use on flat smooth surfaces

➤ Tapes resist water, oil and chemicals

SPC No.	Part No.	Size	Color	Price Ea. 1-11	12-up
118X505	TZe-131	.47"/12mm	Black on Clear	$13.08	$12.42
118X553	TZe-221	.35"/9mm	Black on White	$13.08	$12.42
118X555	TZe-231	.47"/12mm	Black on White	$14.31	$13.59
118X560	TZe-241	.7"/18mm	Black on White	$17.06	$16.21
118X565	TZe-251	.94"/24mm	Black on White	$19.63	$18.65
118X570	TZe-261	1.4"/36mm	Black on White	$24.26	$23.05
118X600	TZe-421	.35"/9mm	Black on Red	$13.08	$12.42
118X605	TZe-441	.7"/18mm	Black on Red	$17.06	$16.21
118X610	TZe-451	.94"/24mm	Black on Red	$19.63	$18.65
118X650	TZe-641	.7"/18mm	Black on Yellow	$17.06	$16.21
118X655	TZe-651	.94"/24mm	Black on Yellow	$19.63	$18.65

brother

Extra-Strength Adhesive Label Cassette Tapes

➤ TZe-S tapes provide twice the sticking power of standard laminated tapes

➤ Use on hard to stick to surfaces like rough, textured and powder-coated

➤ Extra hold for difficult conditions

SPC No.	Part No.	Size	Color	Price Ea. 1-11	12-up
118X456	TZe-S131	.47"/12mm	Black on Clear	$16.00	$15.20
118X458	TZe-S135	.47"/12mm	White on Clear	$16.05	$15.24
118X464	TZe-S221	.35"/9mm	Black on White	$14.66	$13.93
118X466	TZe-S231	.47"/12mm	Black on White	$16.00	$15.20
118X468	TZe-S241	.7"/18mm	Black on White	$18.66	$17.73
118X470	TZe-S251	.94"/24mm	Black on White	$21.77	$20.68
118X474	TZe-S641	.7"/18mm	Black on Yellow	$18.88	$17.93

brother

Flexible ID Label Cassette Tapes

➤ Use TZe-FX in telecom & datacom applications

➤ Tapes stay adhered to curved surfaces when wrapping and flagging cables and connectors

SPC No.	Part No.	Size	Color	Price Ea. 1-11	12-up
118X665	TZe-FX231	.47"/12mm	Black on White	$16.15	$15.35
118X667	TZe-FX241	.7"/18mm	Black on White	$18.88	$17.93
118X480	TZe-FX251	.94"/24mm	Black on White	$21.51	$20.43
118X453	TZe-FX631	.47"/12mm	Black on Yellow	$16.14	$15.33

Top load thermal transfer printer

BMP-PACK-2 gives hands-free operation

BradyPrinter M611

➤ Mobile label printer uses Bluetooth and WiFi
➤ Create, edit and print continuous or die cut labels
➤ Features 2.8" color touchscreen display and auto cutter

SPC No.	Part No. and Description	Price
142X800	M611-AM-BT-W Printer	$699.99 ea.
142X806	BMP-HC-2 Hard Case	$79.99 ea.
142X808	BMP-PACK-2 Sling Pack	$79.99 ea.

Brady Workstation software applications offer efficient and flexible label creation.

BMP®41 Label Printer Kit

➤ Rugged & portable with environment resistant bumpers that pass 6' drop test
➤ Create your own length, pre-sized or continuous labels anywhere

SPC No.	Part No. and Description	Price
142X034	BMP41-KIT w/Hard Case	$329.99 ea.
142X062	BWS-PWIDS-CD Software	$286.99 ea.

M211 printer comes with AC adapter, USB-C cable, USB C to A coupler and label cartridge.

Brady Label Maker Comparison

	M611	BMP41	BMP51	BMP61	BMP71
Thermal Transfer	✔	✔	✔	✔	✔
Keyboard Style	Peripheral	QWERTY	QWERTY	QWERTY	QWERTY
Print Resolution	300 dpi	300 dpi	300 dpi	300 dpi	300 dpi
PC Connectivity	✔	✔	✔	✔	✔
Bluetooth	✔		✔		
Continuous Labels	✔	✔	✔	✔	✔
Die Cut Labels	✔	✔	✔	✔	✔
Character Height	17-162 pt	4-103 pt	4-196 pt	4-174 pt	4-170 pt
Built in Symbols	Software	445	450	450	500+
Max Label Size	2.0"	1.0"	1.5"	2.0"	2.0"
Material Types	25	10	20	26	30
Print Speed	1.33"/sec	1.3"/sec	1.0"/sec	1.33"/sec	1.5"/sec
Max Print Length	40"	39"	40"	40"	40"

M211 Label Printer

➤ Wearable portable and attachable
➤ Import data and share files
➤ Design, print and preview, all from your phone

SPC No.	Part No. and Description	Price
142X864	M211 Portable Bluetooth Label Printer	$179.99 ea.

Includes battery pack, cartridge, USB cable, ac adapter, product CD, printer driver CD and guide in a hard case.

BMP®51 Label Maker

➤ Time saving features like fast print speed, material recognition & automatic label formatting without calibrating
➤ Built-in Bluetooth & optional WiFi card

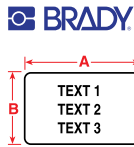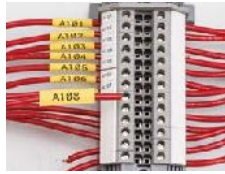| SPC No.	Part No. and Description	Price
142X222	BMP51 Label Maker	$419.99 ea.

M511 Label Printer

➤ Less label waste with edge to edge printing
➤ 300 dpi resolution for 1D and 2D barcodes
➤ Share label files in multiple locations

SPC No.	Part No. and Description	Price Each
142X648	M511 Portable Bluetooth Label Printer	$399.99 ea.
142X652	M511-KIT Label Printer Kit	$499.99 ea.
142X650	M511-HC Hard Case for M511 Label Printer	$79.99 ea.

Labels for BMP®41 and BMP®51

➤ Hassle-free label cartridges install and remove easily with the top-load feature they snaps into place

➤ Self-laminating cable and wire markers have a clear non-printable tail that wraps around the wire and serves as an over-laminate to the printed text

➤ Wrap-around cable and wire markers are made with a rubber based adhesive for clean removal
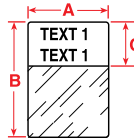
Self-Laminating Cable and Wire Markers

SPC Number	Part Number	Label Dimensions A	B	C	Labels/ Cart.	Wire Gauge	Max Wire Diameter	Price Each
142X566	M-47-427	1"	.5"	.375"	360	12-10	.210"	$61.99
142X572	M-49-427	1"	1"	.375"	260	12-10	.210"	$63.99
142X584	M-90-427	.75"	1.5"	.5"	180	10-4	.320"	$42.29
142X586	M-91-427	1"	1.5"	.5"	180	10-4	.320"	$51.99
142X346	M-32-427*	1.5"	1.5"	.5"	180	10-4	.320"	$64.99
142X576	M-51-427	1"	2.5"	.75"	110	3-2/0	.530"	$52.99
142X356	M-116-427*	1.5"	2.5"	.75"	80	3-2/0	.530"	$38.49
142X676	MC-750-427	25'	.75"	.375"	1	16-10	.270"	$58.99
142X656	MC-1500-427*	25'	1.5"	.5"	1	10-4	.530"	$75.99

*for use with BMP51 only

Two-Sided Nylon Cloth Cable Flag

SPC Number	Part Number	Label Dimensions A	B	C	Labels/ Cart.	Print Area.	Price Each
142X562	M-141-499	1"	2.25"	.250"	90	1" x 1"	$38.49

Vinyl Cloth Wrap-Around Cable and Wire Markers

SPC Number	Part Number	Label Dimensions A	B	Labels/ Cart.	Wire Gauge	Max Wire Diameter	Price Each
142X360	M-7-498	.5"	.5"	240	22-16	.110"	$45.99

Polyester Voice and Data Component Labels

SPC Number	Part Number	Label Dimensions A	B	Labels/ Cart.	Label Color	Price Each
142X580	M-89-422	.5"	1.5"	180	Black on White	$31.49
142X592	MC1-1000-422	25'	1"	1	Black on White	$61.99

Indoor/Outdoor Vinyl Labels

| SPC Number	Part Number	Label Dimensions A	B	Labels/ Cart.	Label Color	Price Each
142X672	MC-500-595	25'	.5"	1	Black on White	$33.99
142X698	M4C-750-595-WTBK	25'	.75"	1	Black on White	$40.99
142X688	MC-750-595	20'	.75"	1	Black on Clear	$39.99
142X724	MC1-1000-595	20'	1"	1	Black on Clear	$50.99
142X718	MC1-1000-595	25'	1"	1	Red on White	$63.99
142X326	M4C-1000-595BKWT	25'	1"	1	Black on White	$63.99
142X714	MC1-1000-595	25'	1"	1	Black on Orange	$63.99
142X373	MC-1500-595*	25'	1.5"	1	Black on White	$75.99
142X374	MC-1500-595*	25'	1.5"	1	Black on Yellow	$75.99

*for use with BMP51 only

Labels for BMP®61, BMP®71 and TLS2200®

➤ These label printers allow for the creation of custom labels, making them ideal for electrical, voice and data cable labeling

➤ All data communications equipment and cabling labels are white vinyl with a translucent laminating overlay

➤ Use fiber cable flags for pig-tail & single-fiber identification
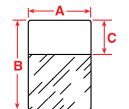
SPC Number	Part Number	Label Application	Fig.	Label Dimensions A	B	C	Labels/ Roll	Max. Characters Per Line For Font 2	7	10	Max. Lines Of Text For Font 2	7	10	Price Each
142X410	PTL-29-427*	Cat5, 4-Pair UTP Copper	1	.5"	1.5"	.5"	500	11	5	3	5	2	1	$68.99
142X412	PTL-30-427*	Cat5, 4-Pair UTP Copper	1	.75"	1.5"	.5"	250	18	7	5	5	2	1	$50.99
142X408	PTL-23-427	50-Pair Copper, 24-Pair Fiber	1	1"	4"	1"	100	24	10	7	10	5	3	$45.59
142X426	PTLFT-01-425	Pig-Tail & Single FIber ID	3	1.18"	.39"	–	250	26	12	8	3	2	1	$34.89

*for use with TLS2200 only
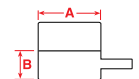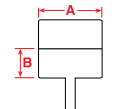
Visit us online at www.specialized.net for a complete selection of Brady labels.

Wide non-marring wheel rolls safely over drywall or insulated walls

When transmitter and receiver align, all four LED arrows will light

Place receiver on the opposite side of the wall from the transmitter

Magnepull Cable Retrieval System

➤ Tool couples with wire from inside the wall and drags it to a desired location
➤ Low-drag tapered point drop magnet is 30% stronger
➤ Includes magnet and flex tail with eye

SPC No.	Part No.	Price
849X100	XP1000-LC	$158.33 ea.

Magnespot Reference Point Locator Kit

➤ An intelligent reference point locating tool
➤ Locate through concrete or structures over 4' thick
➤ Accurately locate a reference transmitter within ½"

SPC No.	Part No.	Price
849X803	XR1000	$233.33 ea.

MagneTriever™ Flexible Magnetic Retriever Kit

➤ Use to fish wires through walls
➤ Flexible magnetic retrievers have neodymium magnets that can be bent into any shape to retrieve ball chain

SPC No.	Part No. and Description	Price
054X561	MRS-24 MagneTriever, 24"	1-5, $24.95 ea.; 6-up, $23.70 ea.
054X469	MRS-36 MagneTriever Pro, 36"	1-5, $34.95 ea.; 6-up, $33.38 ea.

CableCaster Wire Pulling Tool

➤ Use to install lightweight communications cable through hard-to-reach spaces
➤ Tool has a 50' range and bright yellow body
➤ Glow-in-the-dark darts are aerodynamic

SPC No.	Part No.	Price
297X186	06186	$89.70 ea.
297X259	06259 Repl. Darts, 4/Pk	$11.00 ea.

Magnetic Wire Pulling System

➤ Pull cable behind wall effortlessly
➤ Leader-pull design navigates obstructions
➤ Includes swivel leader eyelet and nylon leader-pull with 20' of heavy-duty rope

SPC No.	Part No. and Description	Price
060X702	SRS56037 Cable Puller	1-5, $57.00 ea.; 6-up, $54.15 ea.

Live stream up to 50' to a smart device at 720p HD resolution.

Bright LEDs and digital zoom allow for clear visual inspections

IP67 rated camera measures 3¾" x 1"

Inspection Cameras and Cable Pulling Tools

➤ Ferret inspection camera allows a look into hard to reach locations
➤ It comes in a kit with thread adapters, charge cable and more
➤ WiSpy® adds variable focus

Flexible gooseneck is included in the kits to use with the rod sets

Yellow Jacket™ Coated Fish Rods

➤ Splinter Shield™ splinter-proof protective jacket allows glove-free use
➤ Flexible and durable rods have high tensile strength and pull force
➤ Bend radius for 3⁄16" midflex rod is 3" and for ¼" low-flex rod is 4½"
➤ Kits include LED light, bullet with eyelet, hook and storage tube

SPC No.	Part No. and Description	Price
054X108	CF-100 Ferret Lite Kit	1-5, $99.95 ea.; 6-up, $95.45 ea.
054X110	CF-200 WiSpy® Inspection Kit	$189.95 ea.
054X114	CFGN150A Gooseneck	$14.95 ea.

SPC No.	Part No. and Description	Price
262X614	7SC-62T Fish Rod Kit, 3⁄16" x 12', 2' Sections	$41.95 ea.
262X612	7SC-35T Fish Rod Kit, 3⁄16" x 15', 5' Sections	$41.95 ea.
262X605	7C-37T Fish Rod Kit, ¼" x 15', 5' Sections	$41.95 ea.
262X610	7C-45-15T Combo Kit, 3⁄16" x 5' and ¼" x 20', 5' Sections	$65.95 ea.

BES PRODUCTS

Glow-in-the-dark Glowfish rods are always charged

Fiberfish™ and Glowfish™ Rods

➤ Non-conductive fiberglass rods come in screw-together sections
➤ Fiberfish sections are 5' long and Glowfish sections are 6' in length
➤ Rod kits come in clear carry cases

SPC No.	Part No. and Description	Price
579X107	FIB107 Fiberfish Kit, ¼" x 24'	$113.29 ea.
579X400	GLF307 Glowfish II Kit, ³⁄₁₆" x 30'	$127.62 ea.
579X410	GLF407 Glowfish II Kit, ⁵⁄₃₂" x 30'	$115.74 ea.
579X412	GLF5X5 Glowfish II Kit, ⁵⁄₃₂'' x 25'	$95.76 ea.

CRAIN

Gopher Pole

➤ Telescoping fiberglass tool extends to 22'
➤ Snap/lock buttons lock sections into place
➤ Hook and skid tip has an eyelet at the base

SPC No.	Part No. and Description	Price
071X500	90520 Gopher Pole	1-9, $203.00 ea.; 10-up, $193.00 ea.
071X503	91052 Replacement Eyelet	$27.10 ea.

JONARD TOOLS

MF-25/25 Magtime™ Magnetic Cable Holder

Telescoping Poles and Accessories

➤ Extend to 12' or 18' while providing control and accuracy
➤ Made from high density fiberglass with a polyester resin-baked enamel coating

MF-45 Magtime™ Cable Pole Bracket

SPC No.	Part No. and Description	Price
054X625	RDT-12K Telescopic Pole, 12'	1-5, $104.95 ea.; 6-up, $100.23 ea.
054X643	RDT-18K Telescopic Pole, 18'	1-5, $144.95 ea.; 6-up, $137.70 ea.
054X466	MF-25/25 Magtime Holders, 25/Pk	1-5, $98.95 ea.; 6-up, $94.00 ea.

Rewind more easily with the multiple position handle

KLEIN TOOLS EST. 1857

Fish Tapes

➤ Optimized angle of the tape reduces payout effort and limits binding
➤ Round outer and square inner hybrid shape offers leverage and comfort
➤ Use laser etched descending marks to measure conduit and remaining tape

SPC No.	Part No. and Description	Price
060X560	56334 Carbon Steel Tape, 240'	1-5, $95.58 ea.; 6-up, $90.80 ea.
060X563	56383 Fiberglass w/Nylon Tip, 100'	1-5, $136.92 ea.; 6-up, $130.08 ea.
060X567	56380 Fiberglass w/Steel Tip, 100'	1-5, $159.70 ea.; 6-up, $151.72 ea.

JONARD TOOLS

Coated Fiberglass Rodder

➤ High-visibility nylon coating is durable and a low friction surface
➤ Accessory kit contains flexible leaders, pulling eyelets, ferrules, glue and sandpaper in a pouch

SPC No.	Part No. and Description	Price
054X648	ROD-3316 Rodder, ³⁄₁₆" x 300'	1-5, $399.95 ea.; 6-up, $379.95 ea.
054X650	ROD-3316AK Accessory Kit	1-5, $76.95 ea.; 6-up, $73.10 ea.

Mid-range flexibility suited for most fishing applications

KLEIN TOOLS EST. 1857

Mid-Flex Glow Rod Set

➤ Luminescent glow rod sections thread together to customize needed length
➤ Splinter Guard™ protective coating keeps hands free of fiberglass splinters
➤ 15' glow rod set contains three ³⁄₁₆" 5' glow rods with bullet nose and hook attachments

SPC No.	Part No. and Description	Price
060X600	56415 Glow Rod Set	1-5, $54.50 ea.; 6-up, $51.78 ea.

Includes eyelet, ball chain, whisk and hook heads

JONARD TOOLS

RDG-30
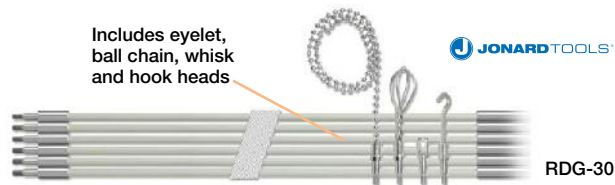
Glow Rod Kits

➤ Luminescent flexible fiberglass rods glow in the dark for low light use
➤ Steel connectors have flats to tighten down rods for stability
➤ The RDG-9 compact 18" rods fit into a backpack for easy transport

SPC No.	Part No. and Description	Price
054X604	RDG-30A, ³⁄₁₆" x 30', 5' Sections	1-5, $83.95 ea.; 6-up, $79.75 ea.
054X602	RDG-15A, ³⁄₁₆" x 15', 5' Sections	1-5, $41.95 ea.; 6-up, $39.85 ea.
054X606	RDG-9, ³⁄₁₆" x 9', 18" Sections	1-5, $46.95 ea.; 6-up, $44.60 ea.

IDEAL

31-010   31-057   31-063

Fish Tapes

➤ Tapes feature impact-resistant cases, Tuff-Grip handles, and blued high-grade steel or nylon coated nonconductive fiberglass tapes

SPC No.	Part No. and Description	Price
370X050	31-010 Thumb Winder Tape, 50-Ft	1-11, $21.60 ea.; 12-up, $20.52 ea.
370X027	31-057 Tuff-Grip Fish Tape, 240-Ft	1-5, $89.97 ea.; 6-up, $85.47 ea.
370X029	31-067 Tuff-Grip Fish Tape, 200-Ft	1-5, $160.22 ea.; 6-up, $152.21 ea.
370X082	31-063 Tuff-Grip Pro S-Class, 100-Ft	$279.23 ea.
370X083	31-064 Tuff-Grip Pro S-Class, 200-Ft	1-5, $456.32 ea.; 6-up, $433.50 ea.

Caddy holds spools up to 16" wide

Cable Caddies

➤ Holds spools up to 20" in width, 17" in diameter and 100 pounds
➤ Caddy made from ⅞" tubular steel with slip-resistant rubber feet
➤ WS version adds wheels and pull strap for portability

SPC No.	Part No. and Description	Price
054X151	CC-2721 Caddy w/Rubber Feet	1-5, $49.95 ea.; 6-up, $47.45 ea.
054X155	CC-2721WS Caddy w/Wheels & Strap	1-5, $69.95 ea.; 6-up, $66.45 ea.

Heavy-Duty Cable Caddy

➤ Made of heavy-duty 1" steel tubing with a durable powder-coated finish
➤ ½" solid steel spool axles can be placed in six positions to accommodate a wide variety of spools
➤ Caddy stands 43" and has 7" rubber wheels

SPC No.	Part No. and Description	Price
579X070	CC1200 Cable Caddy	$440.62 ea.

Cable Comb™ Cable Organizer

➤ Reduces time to straighten, organize and lash multiple cables together
➤ Compatible with cable or wires up to ¼"
➤ Remove and add cables at any point

SPC No.	Part No.	Price
054X106	CCB-25	1-5, $46.95 ea.; 6-up, $44.60 ea.

Little Buddy® Fiberglass Fish Tape

➤ Use to fish conduit from ¾" to 1½"
➤ Operates vertically or horizontally
➤ Drag brake and safety feed eye control the line payout

SPC No.	Part No. and Description	Price
262X010	10-316-300, ³⁄₁₆" x 300'	$568.56 ea.

Steel cage with hand brake dispenses easily

FiberSnake

➤ Designed to pull fish line or rope in conduit from 1" to 2½"
➤ Non-conductive ¼" rodders have a plastic-coated reinforced fiberglass core for flexibility and durability
➤ Brass tips and fittings are rust-proof

SPC No.	Part No. and Description	Price
579X230	FIBR600 FiberSnake, ¼" x 600'	$1594.09 ea.
579X225	FIBR400 FiberSnake, ¼" x 400'	$1189.53 ea.
579X220	FIBR200 FiberSnake, ¼" x 200'	$783.01 ea.

Rigid frame and wheel construction for maneuverability

Copper wire in rod traces underground conduit or pipe to 10'

Duct Hunter™ Detectable Duct Rodders

SPC Number	Part Number	Size	Price
262X112	12-516-300M	⁵⁄₁₆" x 300'	$1635.58 ea.
262X116	12-516-400M	⁵⁄₁₆" x 400'	$1821.94 ea.
262X120	12A-516-500M	⁵⁄₁₆" x 500'	$2340.50 ea.
262X124	12A-516-600M	⁵⁄₁₆" x 600'	$2478.25 ea.
262X128	12A-516-700M	⁵⁄₁₆" x 700'	$2648.41 ea.
262X130	12A-516-800M	⁵⁄₁₆" x 800'	$2783.84 ea.
262X136	13-716-500M	⁷⁄₁₆" x 500'	$2352.08 ea.
262X139	13-716-600M	⁷⁄₁₆" x 600'	$2611.36 ea.
262X141	13-716-800M	⁷⁄₁₆" x 800'	$3143.82 ea.
262X133	13-716-1000M	⁷⁄₁₆" x 1000'	$3684.39 ea.

Valu-Line™ and Powr-Fish® Pull Lines

➤ Continuous fiber polyline is great for blowing directly into conduit
➤ Pull line tracers are color-coded to identify tensile strength
➤ Line will not rot or mildew

SPC No.	Part No. and Description	Price
370X068	31-338 Valu-Line, 190 lb x 6500'	1-5, $79.69 ea.; 6-up, $75.71 ea.
370X070	31-340 Powr-Fish, 210 lb x 6500'	1-5, $64.11 ea.; 6-up, $60.90 ea.
370X072	31-344 Powr-Fish, 500 lb x 2200'	1-5, $99.30 ea.; 6-up, $94.34 ea.

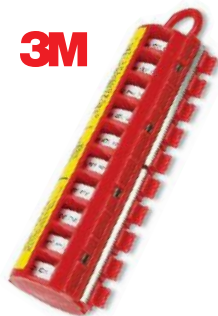Ready to use five gallon storage bucket

Poly Pull Line with Orange Tracer

➤ Use with manual or power fishing systems for light duty cable or rope pulling applications
➤ Storage container dispenses tangle and knot-free line while protecting line from sunlight
➤ Line is made of rot and mildew resistant polypropylene

SPC No.	Part No. and Description	Price
060X598	56110 Poly Pull Line, 210 lb x 6500'	1-5, $59.00 ea.; 6-up, $56.05 ea.

Wire Pulling Lubricants

➤ ClearGlide™ is polymer-based formula, safe to use on all cable types and stable from 32°F to 180°F
➤ Yellow 77® is wax based and stable from 32°F to 130°F

SPC No.	Part No. & Description	Price
370X086	31-388 ClearGlide 1 Qt	1-11, $13.33 ea.; 12-up, $12.66 ea.

3M

Wire Marking Tape

➤ Use to mark or label wire & control panels

➤ ScotchCode™ dispensers have ten compartments with easy cut-off

SPC No.	Part No. and Description	Price
599X130	STD-0-9 No. 0-9 Dispenser	$62.26 ea.
599X110	SDR-0-9 Refill Roll	$47.72 ea.
599X129	STD-C Color Dispenser	$62.26 ea.
599X109	SDR-MC Color Tape Refill	$47.72 ea.

3M

ScotchCode™ Write-On Dispenser with Pen

➤ Label wire, cable and equipment with dirt-, oil-, heat- and moisture-resistant labels

➤ Includes 70 self-laminating labels and pen

SPC No.	Part No. and Description	Price
599X722	SLW Write-on Dispenser	$62.26 ea.

Hook and Loop Cable Ties

TrueconecT

➤ Reusable and adjustable cable ties are made of nylon and polypropylene

➤ Ties are double-sided with a die-cut slot and fasten without overtightening

SPC No.	Part Number	Color	Length	Qty/Pkg	Price/Pkg
169X802	TCHLCT-BK	Black	8"	25	$10.52
169X804	TCHLCT-BU	Blue	8"	25	$10.52
169X806	TCHLCT-GN	Green	8"	25	$10.52
169X800	TCHLCT-AST	Assorted	8"	15	$7.36

Standard Cable Ties

TrueconecT

➤ Nylon ties come in two colors, three tensile strengths and lengths from 4" - 14½"

➤ Use for most harnessing and wire/cable management requirements

100 ties/pkg

Neutral-Colored Ties		Tensile Strength	Width	Length	Black-Colored Ties	
SPC No.	Price/Pkg				SPC No.	Price/Pkg
169X916	$1.34	18 lbs.	³⁄₃₂"	4"	169X932	$1.34
169X924	$2.52	18 lbs.	³⁄₃₂"	7⅞"	169X938	$2.52
169X920	$3.03	40 lbs.	⁹⁄₆₄"	5½"	169X934	$3.03
169X926	$4.12	40 lbs.	⁹⁄₆₄"	7⅞"	169X940	$4.12
169X922	$5.14	50 lbs.	³⁄₁₆"	7½"	169X936	$6.33
169X928	$7.76	50 lbs.	³⁄₁₆"	11¾"	169X942	$7.76

Hook and Loop Cable Tape Rolls

TrueconecT

➤ Strong, reusable, adjustable tape fastens without overtightening

➤ Double-sided cable tape is made of nylon and polypropylene

➤ Cable tape has hook material on one side and loop on the other

SPC No.	Part No. and Description	Price
169X946	TCHL34ROLL-BK, ¾" x 50' Black Roll	$21.03 ea.
169X948	TCHL34ROLL-RD, ¾" x 50' Red Roll	$21.03 ea.
169X950	TCHL34ROLL-BU, ¾" x 50' Blue Roll	$21.03 ea.

BURNDY

HellermannTyton

Write-On Tags

➤ Flame retardant nylon 14PTAGs are 94V0 rated, 1" x 1¾" and come in 3 package sizes

➤ Preprinted tags have hole(s) to secure with standard cable ties

SPC No.	Part No. and Description	Price
109X972	145PTAG Telecom Tag, 1 Ea.	1-11, $3.06 ea.; 12-up, $2.60 ea.
109X966	145PTAG-25 Tc. Tags, 25/Pkg.	1-24, $58.85 ea.; 25-up, $55.90 ea.
109X975	145PTAG-100 Tc. Tags, 100/Pkg.	1-5, $235.38 ea.; 6-up, $223.62 ea.
091X060	CT0753X2 Generic Tags, 25/Pkg.	1-9, $46.83 ea.; 10-up, $44.49 ea.
091X974	CT2003X2 Caution Tags, 25/Pkg.	1-9, $71.20 ea.; 10-up, $67.64 ea.

HellermannTyton

Knob with 33 different settings ensures tension adjustment for precise applications

Clean, flush cuts for 50 lb to 250 lb ties, including wide strap ties

Cable Tie Installation Tool

➤ Use precision controlled EVO 9 cable tie tool on 50 to 250 pound cable ties

➤ Ergonomic design minimizes kickback and stress on hands and wrists

SPC No.	Part No.	Price
091X108	110-80000	1-5, $512.00 ea.; 6-up, $486.40 ea.

PLATINUM TOOLS

Black Electrical Tape

➤ General use vinyl electrical tape features 16 oz/in adhesion, 200% elongation at break and 1200 V/mil dielectric strength

➤ Rated to 600 V, roll measures 60' x ¾"

SPC No.	Part No. and Description	Price
168X568	WW-716 Electrical Tape	$1.67 ea.

Electrical Tape

➤ Premium 7-mil vinyl tape features 33.3 oz/in adhesion, 286% elongation at break and 1289 V/mil dielectric strength

➤ Operating temperature from 0° to 221°F, measures 66' x ¾"

SPC No.	Part No.	Color	Price
168X570	WW-732	Black	$8.17
168X572	WW-732-BL	Blue	$7.82
168X574	WW-732-GN	Green	$7.82
168X576	WW-732-OR	Orange	$7.82
168X578	WW-732-RD	Red	$7.82
168X580	WW-732-WT	White	$7.82

Installation Equipment

Sta-Kon® Crimp Kit

➤ Contains an assortment of 250 Sta-Kon vinyl insulated fork and ring terminals, butt splices and disconnects

➤ Use tool to cut/strip/crimp non-insulated A/B/C and insulated RA/RB/RC types

Thomas&Betts ABB INSTALLATION PRODUCTS

SPC No.	Part No. and Description	Price
272X907	Sta-Kon STAKIT	1-5, $558.29 ea.; 6-up, $530.38 ea.
272X193	WT112M Crimp Tool Only	1-5, $74.32 ea.; 6-up, $70.61 ea.

Sta-Kon® WT112M Crimping Tool
100 Vinyl Butt Splices, Fork Terminals, Locking Fork Terminals, Disconnects (22-18 AWG)
100 Vinyl Butt Splices, Ring Terminals, Locking Fork Terminals, Disconnects (18-14 AWG)
50 Vinyl Butt Splices, Ring Terminals, Locking Fork Terminals, Disconnects (12-10 AWG)
100 TY525M Cable Ties, 7.5"
EZCODE® Vinyl Wire Marker Book

Shrink-Kon® Heat Shrink Kits

Thomas&Betts ABB INSTALLATION PRODUCTS

➤ Polyolefin heat shrink tubing has a two-to-one shrink ratio

➤ Tubing is precut into 6" lengths in sizes from ³⁄₁₆" to 1" diameter

SPC No.	Part No. and Description	Price
272X125	HS-KIT 74-Piece Kit, Black	1-5, $70.12 ea.; 6-up, $66.62 ea.
272X140	CHS-KIT 86-Piece Kit, Color	1-5, $71.17 ea.; 6-up, $67.61 ea.

CORNING

DC connectors operate from -40°F to 140°F and are RUS listed.

Scotchlok™ now Presslok™ IDC Cat5 Connectors

➤ Connectors are designed for butt splicing

➤ UR & UY are gel-filled with polycarbonate

➤ UR2/UY2 are gel-filled with polypropylene for moisture resistance and PIC cable applications

	Type	Part No.	Connector Type	Insulation Max O.D.	Wire Gauge	Stock No. (100/pk)	Price/pk (100/pk)	Stock No. (1000/pk)	Price/pk (1000/pk)
		UR	2 or 3 Solid Copper Conductors	0.060"	26-19	599X923	$16.00	599X922	$160.04
		UR2	2 or 3 with Different Wire Gauges	0.082"	26-19	599X926	$15.00	599X925	$149.25
		UY	2 Solid Copper Conductors	0.060"	26-22	599X928	$13.50	599X927	$134.97
		UY2	2 with Different Wire Gauges	0.082"	26-19	599X930	$14.50	599X929	$144.15

FLUKE networks · **KLEIN TOOLS**

11294000   VDV026-049

JONARD TOOLS

JIC-891   JIC-22148

Scotchlok™ Connector Crimping Pliers

SPC No.	Part No. and Description	Price
350X315	11294000 6½" Need-L-Lock	$28.94 ea.
060X981	VDV026-049 7" Long Nose	$23.91 ea.
054X473	JIC-891 5½" Crimping Pliers	$18.95 ea.
054X441	JIC-22148 7" Combo Pliers	$20.95 ea.

IDEAL®

Electrical Lockout Kit

➤ Lockout devices comply with OSHA's lockout standard

➤ Kit features a lockout belt pouch, lockout breakers, electrical plugs, wall switches, fuses and more organized in an extra-large polyethylene storage container

SPC No.	Part No.	Description	Price
142X945	99310	Lockout Kit	$249.99 ea.

Electrical Breaker Lockout and Tagout Kit

➤ Kit includes a nylon safety lockout padlock,1" lockout hasps, clamp-on circuit breaker lockout with detachable cleat, lockout tags, zip ties and more

➤ Items organized in a 5" X 7" X 2" pouch

SPC No.	Part No.	Description	Price
142X310	153669	Lockout/Tagout Kit	$64.99 ea.

IDC Butt Splice Jellybean Connectors

➤ One-step permanent splicing for repairing and adding wire to an existing circuit

➤ Use in voice and data land line applications

SPC No.	Part No. and Description	Price
270X103	86-925 UR, Pack of 100	$23.25 ea.
270X108	86-930 UR2, Pack of 100	$17.53 ea.
270X106	86-950 UY, Pack of 100	$25.37 ea.
270X110	86-955 UY2, Pack of 100	$17.53 ea.

Detachable hanging strap with carabiner for hands-free use

Case is made of water-resistant ballistic nylon

Hands-Free Maintenance Case for Small Parts, PADs and EQs

➤ Bag comes with five 11" x 6¾" x 1¾" small plastic storage boxes

➤ Three boxes have fixed compartments – 6, 12 and 13 sections

➤ Two boxes with adjustable compartments allow for customizing

SPC No.	Part No. and Description	Price
082X500	AE2289SPC KIT Hands-Free Case	1-5, $126.00 ea.; 6-up, $120.00 ea.

SPCCases

Custom Consumable Kits

Purchase pre-made kits or customize a kit that includes the case, parts boxes, connectors and adapters needed to get the job done. Durham Manufacturing storage boxes are ideal for creating compact, efficient systems for organizing, storing and protecting a wide variety of small parts. Five fit nicely in a soft case or a steel rack. See page 188.

Small parts such as EQs (equalizers), PADS (attenuators), diplex filters and plug-ins, terminals, butt splices and connectors are easily misplaced. With parts boxes these items stay organized and accessible so that they're available when needed. Durham small and large parts boxes come in several configurations to meet most any requirement.

SPCToolKits

Use the SPC800 for singlemode APC FC, SC and LC applications

SPC801 is for singlemode UPC ST, SC, FC and LC applications

Small Part Attenuator Kits

➤ Kits include premium grade optical fixed attenuators that reduce the power or signal in a fiber optic cable from 3 to 20 dB

➤ Attenuators feature Zirconia ferrules, 1310/1550 nm dual wavelength and high optical power endurance for singlemode applications

➤ High-strength, oil-resistant polypropylene boxes have reinforced hinges, covers that overlap and fit snugly and two snap latches

SPC No.	Description	Price
SPC800	APC Attenuator Kit	1-5, $214.00 ea.; 6-up, $204.00 ea.
SPC801	UPC Attenuator Kit	1-5, $275.00 ea.; 6-up, $262.00 ea.

SPC800 Contents	
12 FC/APC Attenuators	12 LC/APC Attenuators
Two each of 3/5/7/10/15/20 dB	Two each of 3/5/7/10/15/20 dB
12 SC/APC Attenuators	Small Parts Box, 11" x 6¾" x 1¾"
Two each of 3/5/7/10/15/20 dB	

SPC801 Contents	
12 ST/UPC Attenuators	12 FC/UPC Attenuators
Two each of 3/5/7/10/15/20 dB	Two each of 3/5/7/10/15/20 dB
12 SC/UPC Attenuators	12 LC/UPC Attenuators
Two each of 3/5/7/10/15/20 dB	Two each of 3/5/7/10/15/20 dB
	Large Parts Box, 13⅛" x 9" x 2⁵⁄₁₆"

Tool Kits

SPC195 Communications Installer Master Field Kit

➤ Designed for coax, datacom and telephone line technicians

➤ Has tools, testers and supplies to meet any installation, maintenance, upgrades and troubleshooting needs

SPC No.	Price
SPC195	1-5, $1230.00 ea.; 6-up, $1169.00 ea.

SPC195 Tools List		
Analog Probe and Tone Generator	Wire Wrap Tool, 22/24 AWG	Curved Jaw Locking Pliers, 7"
Non-Contact Voltage Detector	Wire Unwrap Tool, 20 - 26 AWG	Wire Stripper, 22/24 AWG
Utility Pliers, 9½"	Piano Wire Cutter, 5"	Trouble Light & 25' Power Cord
Lineman's Side Cut Pliers, 9"	8" Cable Ties, Assorted 15/Pk.	Fish Tape, 50'
Coax Cable Cutter, ¾"	L-Key Wrench Set, .050" - ⁵⁄₁₆"	Electrical Tape, ¾" x 60'
Cowhide Driver's Gloves, Medium	Cable Splicing/Skinning Knife	LED Flashlight w/D-Cell Batteries
Measuring Tape, 25'	Insulated Slip Joint Pliers, 8"	Punchdown Tool w/110/66 Blade
Electrician's Scissors	Insulated Slot Screwdriver, ⁵⁄₁₆"x 6"	2 Adjustable Wrenches, 6" & 8"
Utility Knife	Drill Bit Set, ¹⁄₁₆" - ¼"	SAE Nut Driver Set, ³⁄₁₆" - ½"
Wooden Claw Hammer, 16 oz	Spudger	4 Slot Screwdrivers, ³⁄₁₆" - ⁵⁄₁₆"
Cable Tracker & Staples, 1000/Pk.	Wire Stripper/Crimper, 10-22 AWG	3 Phillips Screwdrivers, #1 - #2

50-pocket tool bag has zippered side panels

Protect hands with cowhide drivers gloves

SPCToolKits

SPC784 RG6/RG59 Coax Cable Connection Test Kit

➤ Test multi-run coax cable systems terminated with F or BNC connectors from a central source with the COAXtracker8

➤ Sparky utility pouch with 2" web belt fits up to a 52" wait

SPC No.	Description	Price
SPC784	RG6/RG59 Coax Kit	1-5, $250.00 ea.; 6-up, $238.00 ea.

SPC784 Tools List	
8-Way Coax Tester Set	RG6/59 Insertion Tool and Stripper
Measuring Tape, 25'	Electrical Tape, ¾" x 60'
LED Pocket Work Light	Slotted Screwdriver, ¼" x 4"
Cable Cutter	Slotted Screwdriver, ¼" x 6"
Wing Ding Finger F-Connector	Phillips Screwdriver, #2 x 4"
Torque Wrenches, 12/Pk.	Phillips Screwdriver, #2 x 6"

Bag features chain tape roll holder, carabiner and tape measure clip

Utility bag has reinforced PVC bottom so it stands upright

SPCToolKits

Lace multiple lead bundles with the 5¾" sewing needle that has 6 replacement blades

Mechanics bag is made of Cordura® water-resistant nylon

SPC140 Cable Lacing Kit

➤ Natural color 9-ply waxed polyester twine spool holds 191 yards

➤ 3 types of needles with replacement blades suit most applications

➤ Half-finger anti-vibration glove liners have padded palms

SPC No.	Description	Price
SPC140	Cable Lacing Kit	1-5, $214.00 ea.; 6-up, $204.00 ea.

SPC140 Tools List	
Electrician's Scissors	2 Cable Lacing Needles,
Flat Metal Needle	Replacement Wire Loops, 6/Pk.
Cable Sewing Needle	Anti-Vibration Glove Liners, Large
Sewing Blades, 6/Pk.	Waxed 9-Ply Poly Twine, 4 Rolls

CASES

Hard tool cases, soft tool organizers and belt tool pouches are scattered throughout the catalog, usually pictured with tools. All of these cases are available without tools on our website. When designing a tool kit Specialized Products chooses a case that will accommodate the items in the kit as well as the environment the tools and equipment will be carried into. That is why we offer a wide variety of cases.

In this section of the catalog we highlight a sampling of our case product line, including blow-molded equipment cases, BucketBoss and CLC canvas tool organizers, Klein Tools backpacks and ArmaCase watertight equipment cases. In addition to standard types of cases we offer Norris Products hand trucks and Durham Manufacturing storage systems for small parts and accessories.

Blow-Molded Cases

Use low-cost blow-molded cases to safely transport delicate items and instruments. Made of high-density polyethylene, they feature double-wall construction, lids filled with convoluted foam or flat cushion and customizable pre-cut cubed foam that fills the bottom.

SEE PAGES 182-183

Water-Proof Cases

Shock-resistant, crack-proof, dust-proof and watertight IP67-rated submersible ArmaCase waterproof cases protect valuable equipment, devices and products against the most hazardous of elements. They feature neoprene O-rings, automatic air pressure compensation valves and double-stage locks.

SEE PAGE 184

Tool Organizers

All cases are used to organize tools and equipment. However, soft-sided cases are lightweight and easy to bring to the job. Smaller mechanic's bags and zipper tool bags keep small tools, screws and connectors together. Larger bags keep tools and equipment organized and on hand.

SEE PAGES 184-185

Customizing Kits with Pallets and Inserts

When your equipment and tools require a specific pallet configuration or customized foam insert, Specialized Products is equipped to meet your request. Purchase the desired items from us or send us the product you have, and we will have a template created for you to evaluate. Our sales team is ready to assist in selecting the kit contents necessary for your specific application. As with any custom tool kit we'll make sure it includes every item you need. A one-time die fee and minimum quantity order is required for this service.

STEP 1:
Select your hard shell or soft carry case.

STEP 2:
Select your tools from our wide inventory.

STEP 3:
Receive your completed custom kit.

Heavy-Duty Hand Truck Cart

➤ Chrome-plated steel cart has double-width telescoping tubes and single-motion squeeze bar
➤ 400-lb capacity load tray measures 16" x 12¾"
➤ Use fully extended at 50" or locked at 42"

SPC No.	Part No. and Desc.	Price
433X077	700 Heavy-Duty Cart	$236.00 ea.

Heavy-Duty Telescoping Cart

➤ Chrome-plated steel cart has aluminum two-handed grip
➤ 400-lb capacity deck is 13" x 16"
➤ Removable rear wheels lock in retracted position

SPC No.	Part No. and Description	Price
433X088	710 HD Telescoping Cart	$286.00 ea.

DURHAM MFG®
Est. 1922

Small Parts Storage Systems

➤ Steel rack holds five plastic compartment boxes for storing and organizing small parts
➤ Use key-hole slots to wall mount, removable handle to carry and bolt holes to stack
➤ Polypropylene boxes have reinforced hinges and latches

SPC No.	Part No. and Description	Price
037X290	290-95 Small Rack for SP Trays	1-9, $73.88 ea.; 10-up, $70.19 ea.

Small Plastic Compartment Trays, 11" x 6¾" x 1¾"

	SPC No.	Part No. and Description	Price, 1-9	Price, 10-up
	037X790	SP6-CLEAR Six Compartments	$5.48 ea.	$5.21 ea.
	037X760	SP12-CLEAR 12 Compartments	$5.48 ea.	$5.21 ea.
	037X770	SP13-CLEAR 13 Compartments	$5.48 ea.	$5.21 ea.
	037X780	SP18-CLEAR 18 Compartments	$5.48 ea.	$5.21 ea.
	037X810	SPOS12-CLEAR 12 Offset Compartments	$5.48 ea.	$5.21 ea.
	037X800	SPADJ-CLEAR Adjustable Compartments	$7.04 ea.	$6.69 ea.

ArmaCase

Integral handle

Convoluted foam

Blow-Molded Case Series

➤ Low-cost cases safely transport delicate items and instruments
➤ Made from high-density polyethylene with double-wall construction
➤ Lids are filled with convoluted foam or flat cushion depending on the dimension and pre-cut cubed foam fills the base for customization

Cubed foam

Mechanical latches

ArmaCase

Blow-Molded Cases

Small Blow-Molded Cases

Dimension Legend — Keys notate inside dimensions only.

SPC Number	Price Each 1-9	10-up!	A Length	B Width	C Height	H1 Height	H2 Height	Net Weight
073X112	$26.98	$25.63	5 5/8"	3 5/8"	1 7/8"	17/32"	1 7/32"	.56 lb
073X116	$27.50	$26.13	7 1/8"	4"	1 15/16"	15/32"	1 15/32"	.69 lb
073X317	$30.90	$29.36	7 1/2"	5"	2 3/16"	29/64"	1 45/64"	.88 lb
073X120	$35.94	$34.14	7 1/2"	5"	2 11/16"	29/64"	2 13/64"	.94 lb
073X122	$33.78	$32.09	8 1/2"	5 1/2"	1 11/16"	13/32"	1 13/64"	.94 lb
073X124	$33.78	$32.09	8 1/2"	5 1/2"	2 3/16"	13/32"	1 23/32"	.94 lb
073X126	$37.70	$35.82	8 1/2"	5 1/2"	2 11/16"	13/32"	2 7/32"	1.12 lb
073X128	$37.70	$35.82	8 1/2"	5 1/2"	3 3/16"	63/64"	2 7/32"	1.12 lb
073X323	$36.88	$35.04	9 1/2"	6"	2 11/16"	19/32"	2 7/64"	1.25 lb
073X138	$48.42	$46.00	10 3/16"	6 1/2"	3 7/16"	1 11/32"	2 7/64"	1.5 lb

Medium Blow-Molded Cases

Dimension Legend — Keys notate inside dimensions only.

SPC Number	Price Each 1-9	10-up	A Length	B Width	C Height	H1 Height	H2 Height	Net Weight
073X140	$47.48	$45.11	11"	7"	1 15/16"	19/32"	1 11/32"	1.31 lb
073X142	$53.66	$50.98	11"	7"	2 11/16"	19/32"	2 7/64"	1.44 lb
073X327	$56.04	$53.24	11"	7"	3 7/16"	1 11/32"	2 7/64"	1.69 lb
073X144	$58.20	$55.29	12 3/8"	6 7/8"	2 7/8"	13/16"	2 7/64"	1.88 lb
073X146	$59.84	$56.85	12 3/8"	6 7/8"	4 1/16"	13/16"	3 7/32"	1.94 lb
073X148	$68.18	$64.77	12 3/8"	6 7/8"	5 3/16"	1 15/16"	3 7/32"	2.31 lb
073X154	$76.52	$72.69	12 3/8"	7 7/8"	5 1/8"	1 15/16"	3 7/32"	2.75 lb
073X156	$66.96	$63.61	12 3/8"	8 7/8"	2 7/8"	13/16"	2 7/64"	2.19 lb
073X330	$71.28	$67.72	12 3/8"	8 7/8"	5 1/8"	1 15/16"	3 7/32"	2.94 lb
073X160	$73.64	$69.96	13 7/8"	8 7/8"	2 7/8"	13/16"	2 7/64"	2.44 lb
073X162	$83.64	$79.46	13 7/8"	8 7/8"	4"	13/16"	3 7/32"	3.12 lb
073X166	$79.00	$75.05	13 7/8"	9 7/8"	2 7/8"	13/16"	2 7/64"	2.56 lb
073X333	$86.72	$82.38	13 7/8"	9 7/8"	4"	13/16"	3 7/32"	3 lb
073X168	$104.24	$99.03	13 7/8"	9 7/8"	5 1/8"	1 15/16"	3 7/32"	3.56 lb

Large Blow-Molded Cases

SPC Number	Price Each 1-9	10-up	A Length	B Width	C Height	H1 Height	H2 Height	Net Weight
073X170	$91.36	$86.79	14 7/8"	10 3/8"	2 7/8"	13/16"	2 7/64"	2.75 lb
073X186	$149.46	$141.99	17 7/8"	12 11/16"	4 3/8"	1 35/64"	2 57/64"	5 lb
073X188	$152.74	$145.10	17 7/8"	12 3/4"	5 3/4"	1 35/64"	4 17/64"	5.44 lb
073X355	$163.98	$155.78	17 7/8"	12 3/4"	7 1/8"	2 57/64"	4 17/64"	5.94 lb
073X190	$231.34	$219.77	21 5/16"	14 5/16"	6 5/8"	2 27/64"	3 15/16"	7.38 lb
073X194	$270.58	$257.05	25 13/16"	14 5/16"	6 5/8"	2 7/16"	3 15/16"	8.88 lb
073X196	$308.08	$292.68	25 13/16"	14 5/16"	9 5/8"	3 27/32"	5 7/16"	12.31 lb

All Chemicals Must Ship Ground Freight

Tool Organizers

Mechanic's Tool Bags

➤ GI bags are made of Cordura® Plus water-resistant nylon

➤ Bags have two sewn-in pockets with four tool slots on the interior and four exterior pockets for storage

SPC No.	Description	Price
081X210	Navy Mechanic's Tool Bag	1-5, $43.00 ea.; 6-up $41.00 ea.
081X200	Black Mechanic's Tool Bag	1-11, $43.00 ea.; 12-up, $41.00 ea.
081X205	Green Mechanic's Tool Bag	1-11, $43.00 ea.; 12-up, $41.00 ea.
081X220	Red Mechanic's Tool Bag	1-11, $43.00 ea.; 12-up, $41.00 ea.
081X215	Orange Mechanic's Tool Bag	1-11, $43.00 ea.; 12-up, $41.00 ea.

Heavy-duty zipper ensures contents are secure

Grab-and-go carry handles make this all-purpose bag convenient to use

Hard bottom insert gives bag stability

Technician's Tool Backpack

Hard molded bottom for stability and durability

➤ 48-pocket case measures 20" x 14½" x 8"

➤ The pack's tough, thick-backed material holds shape

➤ Reinforced front pocket for fragile items

SPC No.	Part No. and Description	Price
054X104	BP-100 Technician Backpack	$109.95 ea.

Tradesman Pro™ Organizer Backpack

Front pocket is large enough to hold a fish tape

➤ Bag has 39 storage pockets including five exterior and 34 interior

➤ Wide opening allows storage of and access to larger tools

➤ Features 1680d ballistic weave, molded bottom and orange interior

SPC No.	Part No. and Description	Price
060X276	55421BP-14 Organizer Pack	1-5, $123.42 ea.; 6-up, $117.25 ea.

Canvas Zipper Bag

Great for storing wire nuts, connectors & small consumables

➤ No. 8 canvas bag measures 10" x 3½" x 8"

➤ Wide bottom gives stability and access

➤ Has brass zipper and grommet for hanging

SPC No.	Part No.	Price
060X704	5539BLU	1-11, $16.55 ea.; 12-up, $15.72 ea.

Zipper Tool Bag

For the tech on the go, bag holds the must have tools

➤ Water-resistant polyester bag features our own Specialized Products Company logo

➤ Durable zipper tool bag measures 8" x 12"

SPC No.	Part No.	Price
082X010	AR-610EM	1-99, $7.50 ea.; 100-up, $6.50 ea.

Watertight Yellow Case

Neoprene O-ring protects from dust, moisture and temperature extremes

➤ Case is shock-resistant, crack-proof, dust-proof and watertight

➤ Submersible IP67 rated case with automatic air pressure compensation valve is 9.8" x 7" x 3.7"

SPC No.	Part No.	Price
545X120	AC1000YE	$30.00 ea.

Watertight Black Case

Professional series double-stage locks are easy to open and close

➤ Professional series case adds an ergonomic two-component handle with soft inlay comfort grip

➤ Case measures 15" x 10.6" x 6.5"

SPC No.	Part No.	Price
545X405	AC4000BE	$68.50 ea.

Tool Organizers

Tools not included

BigMouth® Bags

➤ Traditional BigMouth tool bags open wide for easy access to tools and equipment inside

➤ Bags have padded handles for easy carrying

➤ Larger bag comes with an adjustable carry strap

SPC No.	Part No. and Description	Price
111X161	1161 12" 14-Pocket BigMouth	1-11, $30.11 ea.; 12-up, $28.60 ea.
111X165	1165 16" 22-Pocket BigMouth	1-5, $41.27 ea.; 6-up, $39.21 ea.

Two main zippered compartments, one for a tablet and one with multiple pockets for tools

Molded Base Tool Backpack

➤ 1680D ballistic polyester backpack has a molded base to stand upright when bag is set down

➤ Backpack has three large foam back pads, adjustable padded shoulder straps and sternum strap

SPC No.	Part No. and Description	Price
111X731	PB1133 38-Pocket Backpack	1-5, $128.20 ea.; 6-up, $121.79 ea.

Technician's Backpack

➤ 44-pocket backpack has two main zippered compartments for organization

➤ Padded back support plus adjustable shoulder and chest straps add comfort when wearing

SPC No.	Part No. and Description	Price
111X135	1134 Technician's Backpack	1-5, $126.44 ea.; 6-up, $120.11 ea.

Molded-Base Tool Bags

➤ Constructed of 1680D ballistic polyester, bags have a molded base for longer wear and to keep tools secure and dry

➤ PB1543 17" technician's bag has 10 outside and 44 inside pockets

➤ PB1563 16" BigMouth bag has 14 outside and 9 inside pockets

SPC No.	Part No. and Description	Price
111X725	PB1543 17" 54-Pocket Bag	1-5, $121.96 ea.; 6-up, $115.87 ea.
111X728	PB1563 16" 23-Pocket Bag	1-5, $59.95 ea.; 6-up, $56.95 ea.

Large bag has a removable padded shoulder strap

Industrial zipper secures contents inside the bag

Gatemouth bags have a super-wide "Dr.'s bag" opening for large items

Gatemouth™ Tool Bags

➤ Bags are made of poly rip-stop and 600D poly material

➤ Six exterior and ten interior pockets give ample storage

➤ Bag bottom is reinforced with padded ripstop material

Side pull handles make carrying the bag easier

Reinforced webbing carry handles wrap around bag

SPC No.	Part No. and Description	Price
459X525	60012 12" Standard Gatemouth	1-11, $34.93 ea.; 12-up, $33.53 ea.
459X528	60016 16" Large Gatemouth	1-11, $53.31 ea.; 12-up, $51.18 ea.

BATTERY MANAGEMENT

Specialized Products Company offers many battery management and maintenance products to support daily fleet maintenance demands, helping to ensure vehicles stay in good operating condition — safe, reliable and road ready.

Our primary supplier is PulseTech Products. They offer a variety of world class battery management solutions. In addition to charging the battery, their battery chargers and maintainers feature a patented Pulse Technology that removes sulfates from the battery plates and prevents new ones from forming. No other chargers on the market have this technology. The result is batteries that maintain their state of charge much longer and accept recharge more readily. This dramatically extends battery life and keeps any fleet of vehicles moving.

PulseTech™

PulseTech Battery Management Solutions:

➤ Extend battery life by up to three times
➤ Extend alternator and starter life
➤ Dramatically reduce jump starts
➤ Remove sulfates from battery plates

➤ Recover 70% of spent batteries
➤ Reduce new batteries purchased
➤ Reduce vehicle downtime
➤ increase battery efficiency and power

Diagnose
with Battery Analyzers

Battery management testers and analyzers diagnose batteries by testing their state of health. Use battery testers on 6-volt and 12-volt flooded cell, AGM, gel and VRLA lead-acid batteries plus 12-volt and 24-volt battery systems.

SEE PAGE 188

Correct
with Recovery Chargers

Once diagnosed, recovery chargers are used to recover batteries that are compromised. They use universal electrical input to recover heavily discharged and sulfated batteries, even those previously thought dead. Portable units go where batteries are.

SEE PAGE 189

Prevent and Mitigate
with Maintenance Chargers

Once recovered, maintenance chargers are used to prevent premature battery failure and to charge and refresh batteries so they are ready when needed. Choose from units that use the battery's own power, electrical source or solar power.

SEE PAGE 190-192

PulseTech

PulseTech – What we do and Why:

For many years, PulseTech™ Products have been improving battery performance and saving money for consumers, fleets of all sizes and the US Military worldwide keeping them all ready for action. PulseTech's patented technology helps lead acid batteries perform better by increasing their ability to accept, store, and release energy. This allows them to maintain their state of charge longer and accept recharge more readily, extending battery life by as much as three times.

An Environmentally Friendly Powerhouse

Up to 70% of batteries otherwise thought to be "dead" are recoverable, reducing the number of old used batteries in our environment, reducing costs for our customers, and increasing vehicle and fleet equipment readiness.

Extend Battery Life Up To Three Times

Through years of product development and independent scientific evaluation, it has been proven that if used routinely, Pulse Technology can extend battery life cycles up to three times. This reduces overall costs and environmental waste. Pulse Technology uniquely positions PulseTech's line-up of battery maintenance products and no other known battery charging/maintenance system offers these specific restorative maintenance characteristics.

Battery Sulfation

Battery sulfation is a naturally occurring "disease" within any lead acid battery that kills 80% of batteries worldwide. Through the proper maintenance application of PulseTech's patented Pulse Technology this problem can be eliminated. It is the ultimate solution for removing and preventing the power robbing growth of sulfate crystals on lead-acid battery plates. Without the application of Pulse Technology, over time, sulfates build up until a battery's efficiency is gradually diminished, preventing the battery from accepting and releasing energy, dramatically shortening a battery's life until it can no longer function.

The Science Behind Patented Pulse Technology

Pulse Technology is delivered to the battery through a circuit that is independent of the charging circuit. This patented, high-frequency pulse waveform is of a specific amplitude and frequency that is precisely controlled by microprocessors. It rises rapidly in less than one microsecond to its maximum amplitude and gradually returns to zero. There is no abrupt stop and no battery drain. This waveform occurs 25,000 times a second and has been PROVEN through university and military studies to remove sulfation from the battery plates and return the lead sulfate back to the electrolyte solution.
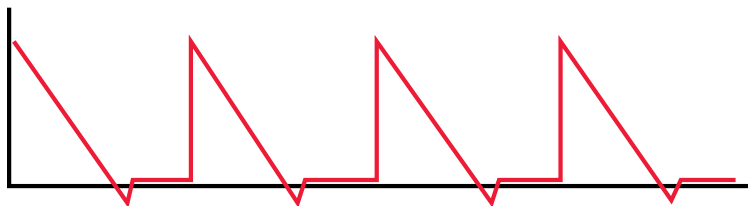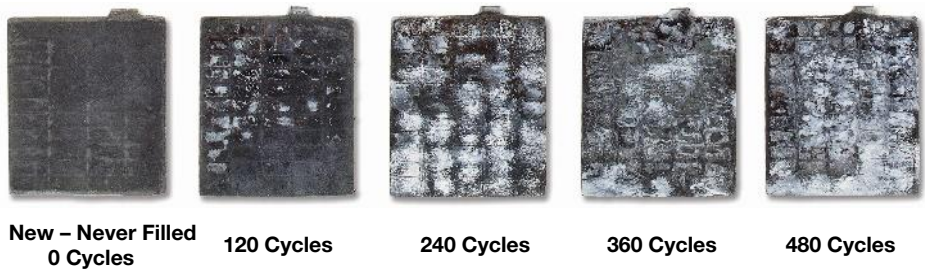
Pulse Technology Waveform

Visual Proof of Pulse Technology Results

The photos below are from an independent study comparing the use of Pulse Technology to conventional battery charging. The photos show actual battery plates after various charge and discharge cycles, which reveal the benefits of charging with Pulse Technology versus charging with a conventional charger.

This row of battery plate images show plates from actual batteries charged with a competitor's battery charger, the white sulfate crystal deposit build up is common in batteries either left un-maintained or charged with a common battery charger.

12-Volt Lead-Acid Batteries Charged with Typical Charger

New – Never Filled 0 Cycles   120 Cycles   240 Cycles   360 Cycles   480 Cycles

This row of battery plate images shows plates from actual batteries charged using PulseTech's patented Pulse Technology. Even after hundreds of cycles, the batteries charged using Pulse Technology have no sulfate accumulation, ensuring the batteries will still perform at peak capacity and live a long and useful life.

12-Volt Lead-Acid Batteries Charged with PulseTech Charger

PulseTech

Digital Battery Tester with Printer

➤ Use to test 6-volt and 12-volt batteries plus 12-volt and 24-volt systems

➤ Test flooded cell, AGM, gel and VRLA lead-acid batteries

➤ Built in printer records results

777P-PT Specifications	
Operation Range	40 to 2000 CCA (SAE)
Voltmeter Range	1.5V to 30V
Dimensions	9.9" x 5.1" x 2.5"
Weight	2.15 pounds

SPC No.	Part No. and Description	Price
906X207	777P-PT Battery Tester	1-9, $499.00 ea.; 10-up, $450.00 ea.

PulseTech

Battery Analyzer

➤ Use to test the state of health of all 6-volt and 12-volt lead acid batteries

➤ Unit tests 12-volt and 24-volt charging systems both in and out of vehicles

➤ LCD readout displays results in seconds

390PT Specifications	
Operation Range	40 to 2000 CCA (SAE)
Voltmeter Range	1.5V to 30V
Dimensions	7.8" x 4.5" x 2.1"
Weight	1.4 pounds

SPC No.	Part No. and Description	Price
906X180	390PT Battery Analyzer	1-9, $265.00 ea.; 10-up, $239.00 ea.

Battery Analyzer Adapters

➤ Use stud terminal to top post adapters to convert to standard lead top post connection

Stud to Post

SPC No.	Part No. and Description	Price
906X130	Stud to Top Post Adapter	$6.25 ea.

Battery and Alternator Tester

➤ Quick and easy battery and alternator tester

➤ Instantly indicates a 12-volt battery's state of charge at 100%, 75%, 50% or 25%

➤ Indicates GOOD or BAD for alternator voltage

XC-822-TEST Specifications	
Dimensions	4.75" x 1" x 0.6"
Weight	1.5 ounces

SPC No.	Part No.	Description	Price
740X817	XC-822-TEST	Battery Tester	$12.00 ea.

Battery Tester Selection Guide			
	777P-PT	390PT	XC-822-TEST
Test 6V Batteries	✔	✔	
Test 12V Batteries	✔	✔	✔
Test 12V Charging Systems	✔	✔	✔
Test 24V Charging Systems	✔	✔	
Test Memory	✔		
Built-in Printer	✔		
Molded Carrying Case	✔		

PulseTech™

Recovery chargers are portable and can be taken to wherever batteries are stored.

The two-channel SC-2 accommodates up to two batteries at a time.

Recover up to six batteries at a time with the SC-6.

The larger SC-12 case has a tele-scoping handle and wheels.

Suitcase Series
12V Battery Recovery Chargers

➤ Chargers use universal electrical input to recover heavily discharged and sulfated 12-volt lead acid batteries previously thought dead

➤ Independent charging channels allow any combination of batteries to be profiled, charged and recovered with LEDs indicating status

SPC No.	Part No. and Description	Price
906X535	SC-2, 2 Channels	1-9, $999.00 ea.; 10-up, $900.00 ea.
906X540	SC-6, 4 Channels	1-2, $2699.00 ea.; 3-up, $2430.00 ea.
906X530	SC-12, 12 Channels	1-2, $3799.00 ea.; 3-up, $3420.00 ea.
906X528	SC-EXT 25' Extension Cable	1-9, $119.00 ea.; 10-up, $108.00 ea.

Suitcase Series Specifications			
	SC-2	SC-6	SC-12
Input Voltage	110-240 V ac	110-240 V ac	110-240 V ac
Min. Voltage for Startup	4 volts	4 volts	4 volts
Output Current	6 amps per channel	6 amps per channel	6 amps per channel
Output Voltage, Bulk Charge	14.8 volts	14.8 volts	14.8 volts
Dimensions	14.5" x 11.75" x 6.25"	20.5" x 17.2" x 9.1"	24.6" x 19.7" x 8.6"
Weight	10 pounds	35 pounds	57 pounds
Enclosure	Black HPX plastic	Black HPX plastic	Black HPX plastic
Battery Cable Length	96" (14 AWG from box to battery clamps)		

Twelve-channel SC-12 accom-modates up to 12 batteries at a time.

PulseTech™

SC and XCR LED Indicators	
Status	**Battery**
● On	● 100%
● Pulsing	● 75%
● Pulsing	● 50%
● Pulsing	● 25%
● Charging	● Test
	● No Connection
	● Bad Battery

Charge batteries after they've been removed from the vehicle or equip-ment, or charge them while installed.

High output capacity allows quick recovery of larger batteries.

XRC-20 is housed in a self-enclosed, water-resistant heavy duty case for easy storage and portability

XCR 12V Battery Recovery
Charger and Desulfator

➤ 16-amp XCR-20 Xtreme shop charger recovers any type of 12-volt lead-acid battery including VRLA, AGM and flooded cell

➤ LEDs show battery's status and once charging is complete a float charge maintains it at 100%

SPC No.	Part No. and Description	Price
906X750	XCR-20 Recovery Charger	1-9, $889.00 ea.; 10-up, $801.00 ea.
906X528	SC-EXT 25' Ext. Cable	1-9, $119.00 ea.; 10-up, $108.00 ea.

XCR Specifications	
Input Voltage	110-240 V ac
Min. Voltage for Startup	4 volts
Output Current	16 A dc
Output Voltage, Bulk Charge	14.9 volts
Dimensions	14.2" x 11.4" x 6.5"
Enclosure	Black HPX plastic
Battery Cable Length	6 feet

TRAINING
DIAGNOSE · CORRECT · PREVENT/MITIGATE

BATTERY MANAGEMENT

PulseTech™

12-Volt Solar Maintenance Chargers

➤ Efficient method for charging and maintaining 12-volt lead acid batteries with LED indicators that display pulse and charge

➤ Virtually indestructible panels provide more power in a smaller panel, allowing for more installation options, both temporary and permanent

➤ Panels feature quick disconnects for easy installation plus positive and negative lugs to connect to the battery

SP-3   SP-7   SP-7-OBD-A   SP-12   SP-12-OBD-T   SP-12-OBD-A   SP-25   SP-50   SP-100

12-Volt Solar Maintainer Chargers													
Stock Number	Part Number	Wattage	Voltage	Output Current	Max Output Voltage	Amp Hours Per Day	Solar Panel Dimensions	Circuit Box Dimensions	Box-to-Lug Wire Length	Box-to-Panel Wire Length	Price Ea. 1-9	Price Ea. 10-up
906X600	SP-3	3W	12V	240mA	12V	1.4Ah	9.45" x 4.7" x 0.25"	3.4" x 2.25" x 1.5"	3 ft.	17 ft.	$99.50	$90.00
906X605	SP-7	7W	12V	450mA	12V	2.5Ah	10.25" x 8.85" x 0.25"	3.4" x 2.4" x 1.5"	3 ft.	17 ft.	$194.00	$175.00
906X630	SP-7-OBD-A	7W	12V	450mA	12V	2.5Ah	10.25" x 8.85" x 0.25"	3.4" x 2.4" x 1.5"	3 ft.	17 ft.	$251.00	$226.00
906X610	SP-12	12W	12V	750mA	12V	4.5Ah	12.41" x 9.85" x 0.2"	3.4" x 2.4" x 1.5"	3 ft.	17 ft.	$265.00	$239.00
906X625	SP-12-OBD-A	12W	12V	750mA	12V	4.5Ah	12.41" x 9.85" x 0.2"	3.4" x 2.4" x 1.5"	3 ft.	17 ft.	$334.00	$301.00
906X620	SP-12-OBD-T	12W	12V	750mA	12V	4.5Ah	12.41" x 9.85" x 0.2"	3.4" x 2.4" x 1.5"	3 ft.	17 ft.	$349.00	$315.00
906X567	SP-25	25W	12V	1.5A	14.8V	9Ah	18.69" x 16.13" x 0.2"	3.62" x 4.53" x 1.52"	10 ft.	15 ft.	$479.00	$432.00
906X190	SP-50	50W	12V	2.87A	12V	9.72Ah	22" x 25.5" x 0.5"	3.62" x 4.53" x 1.52"	10 ft.	15 ft.	$540.00	$486.00
906X150	SP-100	100W	12V	4.545A	12V	27.24Ah	34" x 27" x 0.5"	3.62" x 4.53" x 1.52"	10 ft.	15 ft.	$795.00	$716.00

PulseTech

24-Volt Solar Maintenance Chargers

➤ Charge, maintain and desulfate 24-volt lead-acid batteries or 24-volt battery systems used daily or left in long term outdoor storage

➤ Virtually indestructible smaller panels provide more power, for more installation options, both temporary and permanent

➤ Larger panels come with the 20-amp PT20 solar pulse charge controller with a 12-volt and 24-volt auto-switching feature

SP-12   SP-25   SP-50   SP-100

24-Volt Solar Maintainer Chargers

Stock Number	Part Number	Wattage	Voltage	Output Current	Max Output Voltage	Amp Hours Per Day	Solar Panel Dimensions	Circuit Box Dimensions	Box-to-Lug Wire Length	Box-to-Panel Wire Length	Price Ea. 1-9	Price Ea. 10-up
906X115	SP-12 12W 24V	12W	24V	323mA	33V	2.4Ah	9.8" x 12.6" x 0.13"	4.9" x 1.8" x 1"	50 in.	15 ft.	$339.00	$306.00
906X572	SP-25 24V PT20	25W	24V	0.8A	29.6V	4.8Ah	17.9" x 14.3" x 0.2"	3.62" x 4.53" x 1.52"	10 ft.	15 ft.	$545.00	$491.00
906X165	SP-50 24V	50W	24V	1.62A	24V	9.72Ah	22" x 25.5" x 0.5"	3.62" x 4.53" x 1.52"	10 ft.	15 ft.	$695.00	$626.00
906X156	SP-100 24V	100W	24V	3.03A	24V	18Ah	34" x 27" x 0.5"	3.62" x 4.53" x 1.52"	10 ft.	15 ft.	$895.00	$806.00

LEDs display status of solar array and controller, plus battery type

PulseTech

PT20 Solar Charge Controller

➤ 20-amp solar charge controller with PWM pulse width modulated technology controls solar charging power and protects batteries

➤ Has 12V and 24V auto-switching for solar panels up to 400W (12V) and 800W (24V)

➤ Includes temperature sensor, fused battery harness and bare wire solar input adapter

PT20 Specifications

Battery Voltage: 12/24V (Auto Detected)
Max. Voltage on Battery Terminals: 40V
Rated Charge Current: 20 Amps
Min. Solar Input Voltage: 15V/30V
Max. Open Circuit Solar Panel Voltage: 50V (recommended <28V for 12V)
Dimensions: 3.62" x 4.53" x 1.52"

SPC No.	Part No.	Description	Price
906X550	PT20	20A Charge Controller	1-9, $167.00 ea.; 10-up, $151.00 ea.

25A rated ATP connectors for battery and solar inputs

Battery Maintainer Accessories

Stock No. Part No.	Description	Price Each
906X733 XC-EXT-5'	5' Battery Lead Extension with Standard Quick-Disconnect Terminals	$15.50
906X730 XC-EXT-25'	25' Battery Lead Extension with Male and Female Connectors	$32.00
906X735 XC-LUGS	2' Battery Lead with "Leave-On" Eyelet Lugs and Standard Quick-Disconnect Connectors	$14.00
906X725 XC-CLIPS	2' Battery Lead with Clips and Standard Quick-Disconnect Connectors	$21.00

PulseTech™

Maintain maximum battery performance in frequently used vehicles & equipment

PowerPulse®

➤ Applies life giving pulse technology to keep batteries in peak condition 24 hours a day

➤ Uses power from an existing charger or a small portion of the battery's own energy

PowerPulse Specs	
Dimensions	4" x 1.75" x 1"
Shipping Wt.	0.5 lbs.
Wire Length	3'

SPC No.	Part No. and Description	Price
906X500	PP-12-L, 12-Volt PowerPulse	1-9, $39.50 ea.; 10-up, $36.00 ea.
906X505	PP-24-L, 24-Volt PowerPulse	1-9, $55.00 ea.; 10-up, $49.50 ea.
906X510	PP-36-L, 36-Volt PowerPulse	1-9, $61.00 ea.; 10-up, $55.00 ea.
906X515	PP-48-L, 48-Volt PowerPulse	1-9, $75.00 ea.; 10-up, $68.00 ea.

PowerPulse Configuration			
Model No.	**Single Battery**	**Batteries in Parallel**	**Batteries in Series**
PP-12-L	One 12V Battery	Up to Three 12V Batteries	Two 6V Batteries
PP-24-L	One 24V Battery	Each 24V Battery Bank	Two 12V or Four 6V
PP-36-L	One 36V Battery	Each 36V Battery Bank	Three 12V or Six 6V
PP-48-L	One 48V Battery	Each 48V Battery Bank	Four 12V or Eight 6V

PulseTech™

Preserve stored batteries at peak charge levels with RediPulse

12-Station Battery Maintenance System

➤ Charges and conditions battery inventory keeping them in factory fresh condition while awaiting installation

➤ Supplies a continuous cycle of low amp charging that rotates through the twelve channels, offsetting the normal discharge rate

➤ Unit initiates a self-test, cycles through each battery and charges each one as needed

SPC No.	Part No. and Description	Price
906X520	PRO-12-RP RediPulse	1-9, $222.00 ea.; 10-up, $200.00 ea.

PRO-12-RP Specifications			
Dimensions	7.25" x 2.35" x 1"	**Max Charge DC Voltage**	14.7 V
Weight	2 pounds	**Max Charging DC Current**	750 mA
Input Voltage	110-240 V ac, 50-60 Hz	**Reverse Polarity Protected**	Yes
No. of Outputs	12	**Box-to-Clamps Wire Length**	75"

LED Indicators

Located on the top of the unit, the LEDs show the condition of each battery.

RED - Battery is low **YELLOW** - Battery is marginal **GREEN** - Battery is ready for issue

Audible Alarm indicates improper connection

Note: LEDs cycle to show the status of each battery at a time. All LEDs will not be on at the same time, as shown.

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