



Ben Hughes Communication Products Company
207 Middlesex Avenue, PO Box 373
Chester, CT 06412-0373 USA
860-526-4337 FAX: 860-526-2291
Toll Free: 800-394-4046
Email: toolmaker@cableprep.com
Website: www.cableprep.com

QR STRIPPING/CORING TOOL FULL ONE-YEAR WARRANTY

You have purchased a CommScope, Inc. approved tool for use with their QR® series cables. Ben Hughes Communication Products Company warrants each SCT/QR (Stripping/Coring Tool) against defect in material and workmanship for a period of one year from the date of purchase and agrees to repair or replace any defective unit without charge.

IMPORTANT: This warranty does not cover damage resulting from accident, misuse or abuse, lack of reasonable care and loss of parts. This warranty is void when service or repairs are performed by other than Ben Hughes Communication Products Company. No responsibility is assumed for any special, incidental or consequential damages. No other warranty, written or oral is authorized by Ben Hughes Communication Products Company. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

US Customers may obtain warranty service by shipping product prepaid to Ben Hughes Communication Products Company, 207 Middlesex Avenue, P.O. Box 373, Chester, CT 06412 USA. Customers outside the continental US please ship product to point of purchase. Damage occurring during transit is not covered by this warranty.

NOTE: *Read these instructions carefully.*

SCT/QR SERIES TOOL INSTRUCTIONS

The SCT/QR tool is specially designed to prepare the Quantum Reach® (QR) series cables manufactured by CommScope, Inc. These tools are precision devices that core the proper amount of dielectric, strip the aluminum shield and remove the outer jacket, leaving the cable end ready for connectorization. For optimum results, follow these instructions.

CAUTION: *Eye Protection Must Be Used*

This package consists of a two-piece Cable Prep® tool. Part SCT/QR-A cores the dielectric and strips the jacketed aluminum; part SCT/QR-B removes the outer jacket only. The two units are threaded and assembled as one. This feature keeps the tool in a set while not in use and protects the interior parts from stray objects in a toolbox. Accessory items included with this tool are a 1/8" and 3/32" hex wrench for the setscrews and button head screws, a T-bar handle for manual tool use, manufacturer's warranty statement and instruction sheet.

Manual Tool Operation:

1. Cut the cable with a moon-shaped cutter to avoid overly distorting the center conductor. While even the best of cutters distort the cable somewhat, our SCT tools accommodate this. We do not recommend side cutters, because they tend to flatten the cable.
2. Unscrew the two units of your SCT/QR tool; the larger part labeled Cable Prep® SCT/QR-A is the stripping/coring tool. Attach the T-bar handle for manual use (use 3/32" hex wrench). Slide the cable into the tool up to the blade. With a slight forward pressure begin turning the tool clockwise. The coring blade will remove any aluminum shield in its path as it starts to core out the dielectric. As the blade moves into the cable you will see that the dielectric foam feeds up the blade and out the exit slot. As you continue turning, the jacketed aluminum sheath will be stripped and fed out the second exit slot.
3. Continue turning the tool until it begins to turn freely - you have hit the internal "stop". Turn the tool at least once more to square the end of the cable. Remove the tool.

Power Operated Tool Use:

1. Follow Step 1 as in "Manual Tool Operation".
2. Unscrew the two units of your SCT/QR tool; the larger part labeled Cable Prep® SCT/QR-A is the stripping/coring tool. Place the exposed shaft of the coring bit into the chuck of a variable speed drill. Operate the drill at a low speed. High speeds drill out the dielectric rather than core it.
3. Follow Step 3 as in "Manual Tool Operation".

Jacket Stripping Operation:

Stripping the outer jacket back from the aluminum is done with the smaller tool part labeled Cable Prep® SCT/QR-B. This is a special Cable Prep® jacket stripper, designed to support the aluminum shield while stripping the outer jacket. Slide the exposed center conductor into the mandrel pin hole and carefully push the mandrel pin into the cored cable and continue sliding the tool up to the outer jacket.

Turning in a clockwise direction, the tool will strip the outer jacket to the specified dimension. Remove the tool and clean the center conductor with your Cable Prep® brand Gator tool or per cable manufacturer's recommendations. You are now ready to install your connector.

FINISHED TRIM DIMENSIONS Produced by Cable Prep® Models			
	Core Depth	Center Conductor Stop Length	Jacket Strip Back Length
SCT-F320QR	9/16"	7/16"	3/8"
SCT-500QR	1 1/4"	1"	1/2"
SCT-540QR	1 1/4"	1"	1/2"
SCT-715QR	1 1/4"	1"	1/2"
SCT-7MMQR	1 1/4"	1"	1/2"
SCT-860QR	1 1/4"	1 1/16"	5/8"
SCT-1125QR	1 1/4"	1 1/4"	5/8"
* For feed-through connectors, remove the button head screw marked by the letter "S" above the exit slot of the SCT/QR-A			

To enhance the coring operation, it is suggested that a light machine oil be sprayed in the tool. Use of the oil every third or fourth splice and prior to storage will minimize aluminum deposits on the cutters, reduce friction over the jackets, and extend the life of the coring blades.

The jacket stripping operation should be done slowly, removing the jacket with ease. Too much force will cause the jacket to jam and leave shavings of the jacket in the tool. This will cause an improper strip length on next use. If this occurs, remove the jacket strip blade and clean the tool. Please note that the jacket strip blade can easily be resharpened using a sharpening stone.

Cable Prep® also offers a **Ratchet T Handle (RTH-4500 or RTH-8000)** for use with your SCT-QR tool. Contact your distributor for information or telephone Ben Hughes/Cable Prep® at (860) 526-4337 or 1-800-394-4046 to locate a distributor near you.