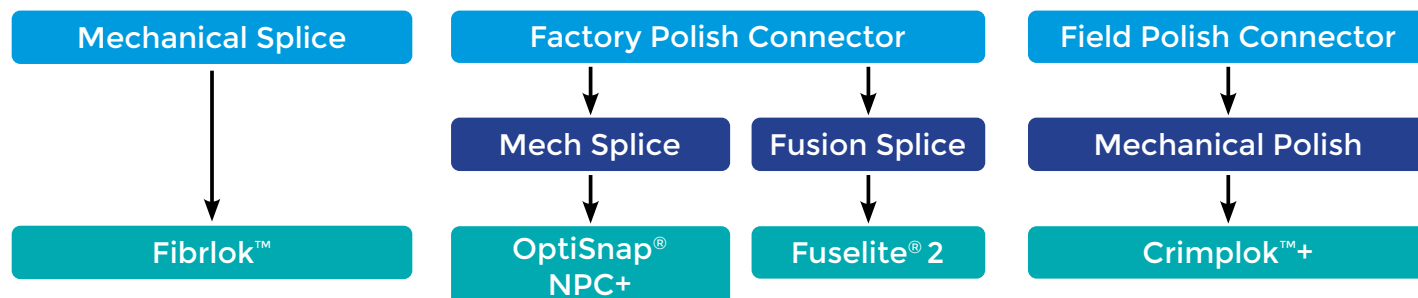


CORNING FTTH Connectors: OptiSnap, NPC+, Fibrik and Crimplok

FTTH Connectors Selection Matrix



	SCU/250/900	SCU Jacketed	SCA/FS 250/900	SCA/AS 250/900	SCA/FS Jacketed	SCA/AS Jacketed
OptiSnap®	X	X	X		X	
Fuselite® 2	X	X	X		X	
Crimplok™+	X		X			
NPC+			X			

	LCU 250/900	LCU Jacketed	LCA 250/900	LCA Jacketed	ST/UPC 250/900	ST Jacketed
OptiSnap®	X	X	X	X	X	X
Fuselite® 2	X	X	X	X	X	X
Crimplok™+						
NPC+						

	Polish	Typical IL (dB)	Max IL (dB)	Reflectance at 25C +/- 5C (dB)	Max Reflectance in Operating Temp Range, -40C to 75C (dB)
OptiSnap®	UPC	0.2	0.5	< -55	< -32
	APC	0.3	0.75	< -60	< -40
Fuselite® 2	UPC	0.15	0.3	< -55	< -55
	APC	0.15	0.3	< -65	< -65
Crimplok™+	UPC	0.2	0.5	< -40	< -35
	APC	0.25	0.6	< -65	< -60
NPC/AS	APC	0.3	0.6	< -65	< -60
NPC+	APC	0.3	0.6	< -55	< -35

What product features best fit my business model?

- I want to **minimize up-front expenses** (tools and training). NPC+
- I need a connector that minimize opportunities for installer error i.e. has **fewest installation steps**. NPC+
- I need **superior reflection performance** without investment in an angled cleaver or fusion splicer. Crimplok™+
- I want an **easy to use installation solution** for all connector types (ST, SC, LC). OptiSnap®
- I want a tool that provides a **positive indication of continuity** at the time of installation. OptiSnap®

Learn more about the connectors, why and where they are used and which one is the right connector for your application.



Crimplik™+

This mechanical field polish connector delivers **superior performance in reflectance in the outdoor environment (<60db reflectance)** without the investment in an angled cleaver.

Specifications	
Insertion loss (dB) typical	(APC) 0.25 dB, (UPC) 0.2 dB
Reflectance (dB) typical at room temperature	(APC) < -65 dB, (UPC) < 40 dB
Reflectance (dB) max over operating temperature	(APC) -60 dB, (UPC) -35 dB
Operating Temperature	-40°C to 75°C
Storage Temperature	-40°C to 85°C

- Field Polish Connectors
- Superior Performance
- Perfect for Outdoor Applications



Part Number	Corning Catalog Number	Description	Qty (pieces)
745X850	80611622004	Crimplik™+ Connector SC/APC SM 250/900 μm with Activation Tool	1

NPC+ (No Polish Connector)

• The NPC+ is the quickest installation at the lowest investment in installation tools and lowest incremental maintenance cost. A tool kit is **not required** if the customer has a flat cleaver, fiber strippers, and cleaning tools.

• Form Factors: **SCA only**, Cat #: NPCP-SCA-48

NPCP-SCA-48.....Part No.: [745X402](#)

TKT-NPCP-FBC007.....Part No.: [745X425](#)



Tool Kit Cleaver Options

NPC+ w/FBC-007 Cleaver
Catalog #: TKT-NPCP-FBC007

NPC+ w/CI-01 Cleaver
Catalog #: TKT-NPCP-CI01



OptiSnap®

• The OptiSnap® solution delivers a **versatile termination platform** that offers **confirmation of termination** and **speed of termination** for less upfront and operating cost than splicing.

• Form Factors: **SCA, LCA, SCU, LCU**

TKT-OPTISNAP-CF.....Part No.: [745X768](#)



Tool Kit Requirements

OptiSnap® Installation Tool Kit: Catalog #: TKT-OPTISNAP-CF



Fibrlok™

• Delivers **low loss mechanical splice** with no investment in fusion splicer.



Tool Kit Requirements

Fibrlok™ Installation Tool Kit; Catalog #: 80611323769



Fibrlok™ Splices Specifications		
Product Number	2529	2539
Fiber Diameter	125 μm	125 μm
Coating Diameter	250 or 900 μm	250 or 900 μm tight buffer
Insertion Loss (dB) Typical	<0.1	<0.1
Reflectance (dB) Typical	< -55	< -55
Reflectance Over Operating Temperature Range	< -35	< -35
Operating Temperature Range	-40°C to 75°C	-40°C to 75°C
Storage Temperature	-40°C to 75°C	-40°C to 75°C

Fibrlok™ Single-Fiber Splice and Assembly Tool Ordering Information		
	Description	Part Number
	Fibrlok™ II Universal Optical Fiber Splice 2529 (2529)	80-6107-5589-6
	Fibrlok™ Assembly Tool 2501 (2501)	80-6105-8187-0

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