

3M™ Crimplok™+ Connector

Singlemode SC/UPC & SC/APC 900 μm

3M™ Crimplok™+ Connectors provide fast, easy field installation of 900 μm singlemode fiber without a splice, gel or adhesive.

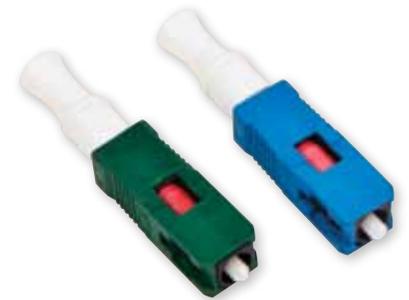
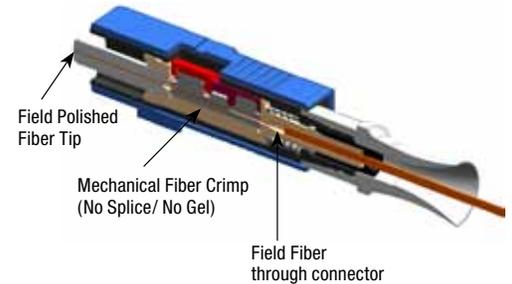
The connectors are SC compatible with a metallic element that mechanically locks the fiber in place. To install, the fiber is cleaved, inserted through the connector and locked in place using the 3M™ Crimplok™+ Protrusion Setting Tool and the fiber tip polished with the 3M™ Crimplok™+ Nano Finishing Tool. This hand tool utilizes a polishing film and an orbital mechanism that polishes with a single turn of the handle. Once completed, the connector is cleaned and ready for use.

Crimplok+ Connectors have a thermally balanced design that is tested for premises and FTTP applications for indoor and outdoor conditions from -40°F to 167°F.

The connectors have a streamlined boot attached to the body, minimizing the chance of losing or forgetting to install it during the termination process. After the installation, the boot keeps the fiber from kinking, even during side pull.

The Crimplok+ Connectors and Tools are RoHS compliant.*

Features	Benefits
No splice, gel or adhesive	Eliminates splice interface/ potential optical loss point
Simple assembly tools	Fast, easy installation without electrical power
Thermally balanced design	Excellent optical performance from -40°F to 167°F
Polishing film with every connector	Always have new polishing film
One-piece, pre-assembled design	No small, loose parts
Field installation	Always the right cable length with no cable slack to store
SC/APC angle polish	Low reflection, < -60dB for outdoor temperatures



3M™ Crimplok™+ Connectors SC/APC and SC/UPC



3M™ Crimplok™+ SC/UPC Nano Finishing Tool 8765-NF/UPC



3M™ Crimplok™+ SC/APC Protrusion Setting Tool 8765-PS/APC

3M™ Crimplok™ + Connectors

Specifications

Fiber diameter	125 µm
Insertion loss	0.2 dB typical
Reflection (APC) (UPC)	-60 dB max typical -40 dB max typical
Connection durability, after 500 matings	< 0.2 dB change
Operating temperature	-40°C to 75°C (-40°F to 167°F)
Cable tension (in service)	< 0.5 dB increase at 6.9N (1.54 lbf)
90° side pull	< 0.5 dB increase at 6.9N (1.54 lbf)
Dimensions	8.1 x 9.0 x 45 mm (0.3" x 0.3" x 1.8")

Ordering Information

Product Number	Product Description	3M ID	Packaging
8700-UPC	Crimplok+ Connector SC/UPC SM 900 µm	80-6113-8067-8	12/package
8700-PS/UPC	Crimplok+ Connector SC/UPC SM 900 µm with Protrusion Setting Tool	80-6113-8750-9	60/package
8700-APC	Crimplok+ Connector SC/APC SM 900 µm	80-6113-8068-6	12/package
8700-PS/APC	Crimplok+ Connector SC/APC SM 900 µm with Protrusion Setting Tool	80-6113-8751-7	60/package
8765-UPC	Crimplok+ SC/UPC Connector Kit	80-6113-8072-8	1/package
8765-APC	Crimplok+ SC/APC Connector Kit	80-6113-8073-6	1/package
8765-PS/UPC	Crimplok+ SC/UPC Protrusion Setting Tool	80-6113-8074-4	1/package
8765-PS/APC	Crimplok+ SC/APC Protrusion Setting Tool	80-6113-8095-9	1/package
8765-NF/UPC	Crimplok+ SC/UPC Nano Finishing Tool	80-6113-8075-1	1/package
8765-NF/APC	Crimplok+ SC/APC Nano Finishing Tool	80-6113-8096-7	1/package



3M™ Crimplok™ + SC/UPC Connector Kit 8765-UPC contains all the tools necessary for 3M™ Crimplok™ + Connectors 8700-UPC



3M™ Crimplok™ + SC/APC Connector Kit 8765-APC contains all the tools necessary for 3M™ Crimplok™ + Connectors 8700-APC

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