

Communication Markets Division

3M™ Crimplok™+ Jacketed Connector

Singlemode SC/UPC & SC/APC 1.6 to 3.0 mm Jacketed

3M™ Crimplok™+ Jacketed Connectors provide fast, easy field termination of 1.6 to 3.0 mm jacketed 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 terminate, 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.

3M Crimplok+ Jacketed Connectors have a thermally balanced design that is tested for premises and FTTP applications and for operating temperatures between -10°C and 60°C.



3M™ Crimplok™+ Singlemode Jacketed Connectors

These connectors have a rigid strain relief nut and a flexible boot. The boot helps prevent the fiber from kinking even during side pull.

The Crimplok+ Connectors and Tools are RoHS compliant.*

Features	Benefits
No splice, gel or adhesive	Virtually eliminates splice interface/potential optical loss point
Simple assembly tools	Fast, easy installation without electrical power
Flexible boot design for jacketed cables	Higher cable tension pull strength
Thermally balanced design	Excellent optical performance from -10°C to 60°C
Lapping film included with every connector	Always have lapping film readily available
Field termination	Always the right cable length with virtually no cable slack to store
SC/APC angle polish version	Low reflectance, < -60 dB

Specifications Common to all 3M™ Crimplok™+ Jacketed Connectors

Materials	Zirconia ceramic Engineered resin Thermoplastic elastomer
Connector ferrule Connector housing and body Boot	
Dimensions	8.1 × 9.0 × 57 mm (0.3" × 0.3" × 1.8")

3M™ Crimplok™+ Connector Specifications

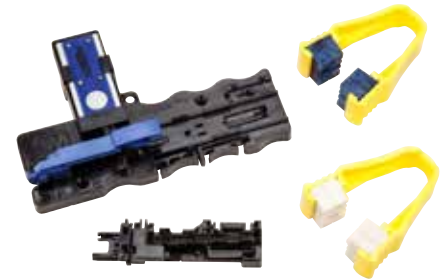
	SM 8072-UPC	SM 8072-APC
Insertion loss (dB) typical	0.2	0.3
Reflectance (dB) typical at room temp	<-40	<-65
Reflectance (dB) over operating temperature range	<-35	<-60
Operating temperature range (°C)	-10°C to 60°C	-10°C to 60°C
Storage temperature (°C)	-10°C to 60°C	-10°C to 60°C
Connector identification	blue/white	green/white



Crimplok™+ SC/UPC Connector Kit 8765-UPC/PR contains all the tools necessary for 3M™ Crimplok™+ 250/900µm UPC Connectors and 3M™ Crimplok™+ SC/UPC Jacketed Connectors



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



3M™ Crimplok™+ SC/UPC Protrusion Setting Tool
with fiber holder and jacket slitting tools

3M™ Crimplok™+ Jacketed Connector Ordering Information

Product Number	Product Description	3M ID	Min. Order
8702/UPC/1.6-3	3M™ Crimplok™+ SC/UPC Jacketed Connector	80-6114-9633-4	60
8702/APC/1.6-3	3M™ Crimplok™+ SC/APC Jacketed Connector	80-6114-9632-6	60
8765-PS/UPC/JT	Protrusion Setting Tool with fiber holder for jacketed SC/UPC connector	80-6114-9642-5	1
8765-PS/APC/JT	Protrusion Setting Tool with fiber holder for jacketed SC/APC connector	80-6114-9643-3	1
8765-UPC/ADD	Protrusion Setting Tool SC/UPC with fiber holder and two jacket slitting tools	80-6114-9646-6	1
8765-APC/ADD	Protrusion Setting Tool SC/APC with fiber holder and two jacket slitting tools	80-6114-9647-4	1
8765-UPC/PR	Field termination kit for SC/UPC connectors with blade cleaver	80-6114-9644-1	1
8765-APC/PR	Field termination kit for SC/APC connectors with blade cleaver	80-6114-9645-8	1
8765-UPC-NC/PR	Field termination kit for SC/UPC connectors with no cleaver	80-6114-9727-4	1
8765-APC-NC/PR	Field termination kit for SC/APC connectors with no cleaver	80-6114-9728-2	1

RoHS 2011/65/EU means that the product or part does not contain any of the substances in excess of the maximum concentration values (“MCVs”) in EU RoHS Directive 2011/65/EU. The MCVs are by weight in homogeneous materials. This information represents 3M’s knowledge and belief, which may be based in whole or in part on information provided by third party suppliers to 3M.

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Communication Markets Division

6801 River Place Blvd.
Austin, TX 78726-9000 USA

Phone 1-800-426-8688
Fax 1-800-626-0329
Web 3M.com/Telecom

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