Anaerobic Connector, SC 50 µm multimode (OM2)

Part Number:
95-051-41-SP

Corning anaerobic-cured connectors offer optical performance in a fast, easy field-termination solution designed for fiber-to-the-workstation applications for single-mode and multimode connections. This connector combines the quick-cured convenience of anaerobic adhesive with the performance of epoxy-and-polish connectors. Ideal for enterprise networks and any installations requiring field-installed connectors, the anaerobic-cured technology enables fiber optic networks to be installed cost effectively with minimal tools. Installation of the connector can be accomplished in minutes with the anaerobic adhesive two-part epoxy process. The adhesive is first injected into the connector ferrule, and then the fiber is dipped into the primer and inserted into the connector. Curing takes only one minute without the use of lamps or ovens. With the hand-polish process, an average insertion loss of 0.2 dB is achieved.

Features and Benefits

Quick-cure epoxy
No lamps or ovens needed

Minimal tools and no index-matching gel
Low installation cost

Hand polished for minimum insertion loss
Reliability and optical performance



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Specifications

General Specifications	
Fiber Category	50 µm MM (OM2)
Product Type	Field-Installable Connectors
Corning Logo	Yes
Keyed (security)	No
Technology	Field Polish (anaerobic)

Standards	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU

Environmental Conditions	
Temperature Cycling Standard	"≤ 0.3 dB IL, -40° to +75°C, 21 cycles"
Temperature Range, Operation	-40 °C to 75 °C (-40 °F to 167 °F)

Design - Connector	
Connector Type	SC
Housing Color	Black
Boot Color	Black
Ferrule Material	Ceramic

Optical Specifications - Connector	
Insertion Loss, Max.	0.75 dB
Reflectance	≤ -26 dB
Insertion Loss, Typical	0.2 dB

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Ordering Information	
Product Number	95-051-41-SP
EAN Code	4056418202532
Packaging	Individual Pack
Package Contents	"Connector, shroud, crimp band (1.6/2.0 mm), crimp band (3.0 mm), boot (900 µm), boot (2.0 mm), boot (3.0 mm)"
Units per Delivery	1/1

RoHS COMPLIANT

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