

Fiber Optic Mode Conditioning Patchcord (MCP)

CORNING

Features and Benefits

Low Loss

Ruggedized Offset Packaging

Eliminate Differential Mode Delay (DMD) Effects

Corning manufactures high quality mode conditioning patchcord for Gigabit Ethernet (1000Base-LX) applications. The assembly is connectorized with Corning's tightly toleranced preradiused zirconia ferrule connectors to ensure consistent performance and reliability. The fiber offset is packaged and protected by a ruggedized enclosure to guarantee permanent offset.

Standards

RoHS

Free of hazardous substances according to RoHS2011/65/EU

Design and Test Criteria

Comply with IEEE Standard 802.3z (Gigabit Ethernet)

Product is qualified to Telcordia GR-326-CORE



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Specifications

Parameters	
Insertion Loss	< 0.5 dB @ 1310 nm (SM to MM Plus Connector loss)
Return Loss	> 55 cB (SM connector)
Connector Tyle	SC and LC
Cable	1.6 mm or mmm Zipcord Duplex
Fiber	62.5/125 μm or 50/125 μm

Ordering Information

Fiber Optic Mode Conditioning Patchcord (MCP)

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1 Select Connector End #1 Code (For SM Side)
 B: ST Metal
 J: LC/PC Duplex*
 L: LC/PC**
 R: SC/PC Duplex*
 S: SC/PC**

2 Select Connector End #2
 Same codes as End #1
 (For MM Side)

3 Select Cable Code
 08: 62.5/125 Duplex 3.0 mm Zipcord
 13: 50/125 Duplex 1.6 mm Zipcord
 14: 62.5 Duplex 1.6 mm Zipcord

4 Select Cable Length in Meter
 The last digit is decimal.
 9999: Special Length
 All length in inch or foot must be converted into meters.

* Clip assembled
 ** Clip separated

These part numbers are specific to Corning Optical Communications OEM Solutions Business Unit. Please contact OEM sales at +1-408-736-6900 or oemsales@corning.com and visit www.corning.com/opcomm/oem for sales support.



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