



Mode Conditioning Cable 62.5 Micron - 3mm Jacket LSZH LC to SC Off-set

FO-MC109-xx-SC - Specifications

Description

This mode conditioning fiber optic cable is made with Corning glass fiber and consists of a duplex LC male on one end and a duplex SC male on the other end. It allows you to connect singlemode equipment such as gigabit routers and switches, to existing multimode cable environments. It does so by emulating a LED light source from a laser light source by off-setting the fusion splice of the singlemode leg onto the multimode cable. They are typically purchased in pairs (one for each end of the cable run) and used in multimode cable runs over 300m. The singlemode cable leg is connected to transmit on the equipment end.

Physical Characteristics

Color	Orange / Yellow Singlemode Leg
Cable Diameter	3mm
Fiber Size	62.5/125 micron - 9/125 micron leg
Connector Ferules	Ceramic
Jacket Rating	Low Smoke Zero Halogen (LSZH)

Connectors

Connector A	1 - LC Duplex Male
Connector B	1 - SC Duplex Male

Performance

Insertion Loss	<0.3db @ 1300nm
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Environmental

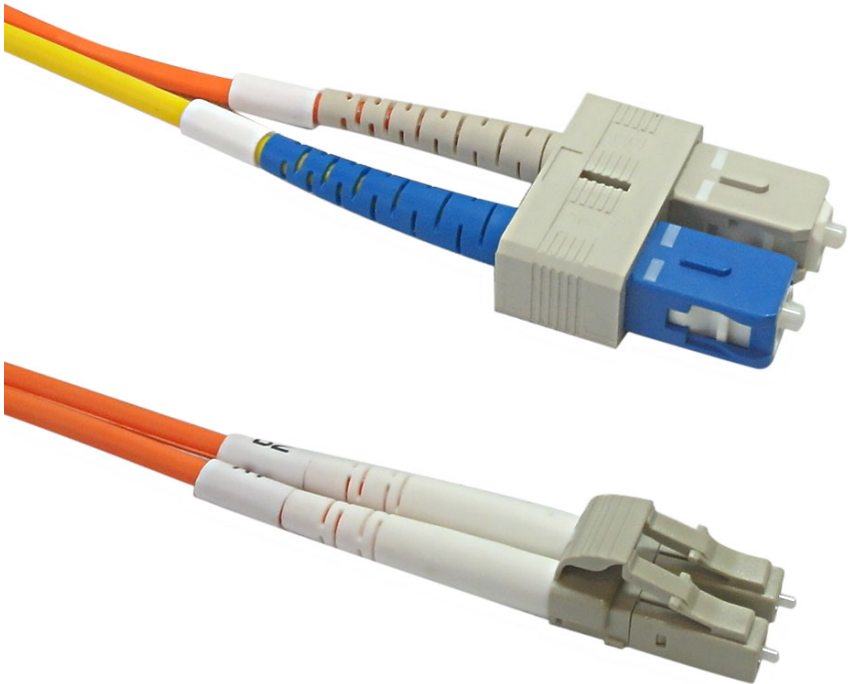
RoHS	Yes
Conflict Minerals	Yes

Packaging Information

Package Quantity	1
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Warranty Information

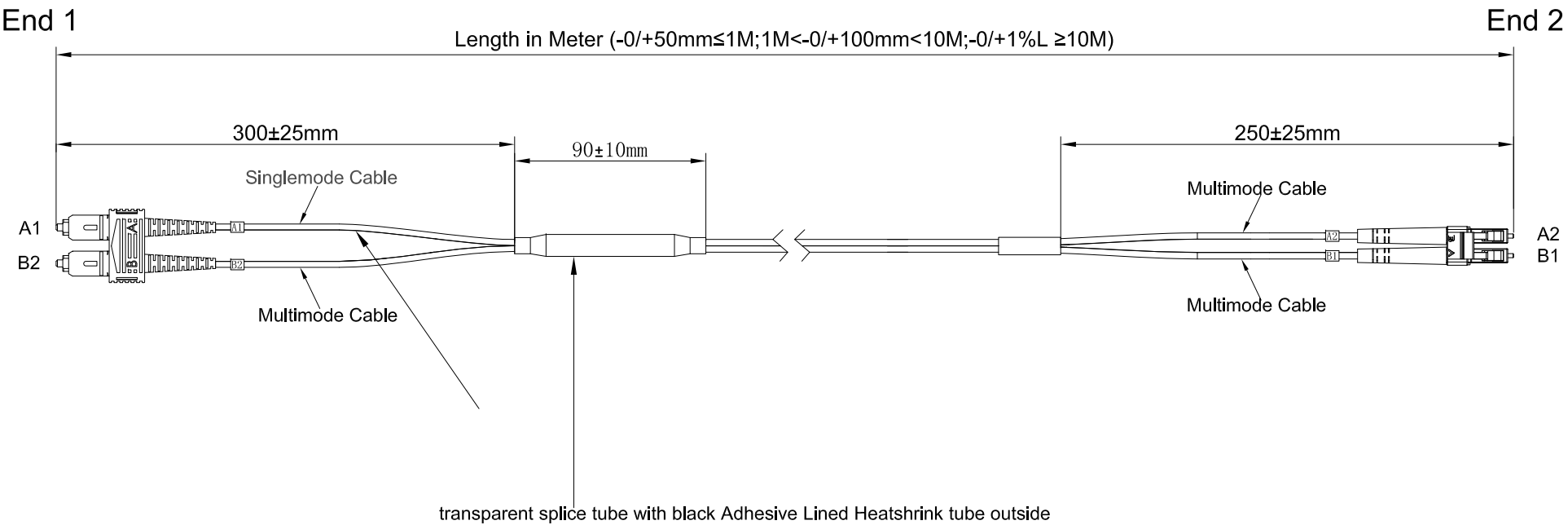
Warranty	Limited Lifetime
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FO-MC109-xx-SC - Line Drawing



Jacket Printing:
Corning Optical Fiber Cable MM 62.5/125 LSZH (date) (meter count)M

