



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

## FO-MC110-xx-LC - Specifications

**Description**

This mode conditioning fiber optic cable is made with Corning glass fiber and consists of 2 simplex ST male on one end and a duplex LC 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	2 - ST Simplex Male
Connector B	1 - LC Duplex Male

**Performance**

Insertion Loss	<0.3db @ 1300nm
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**Environmental**

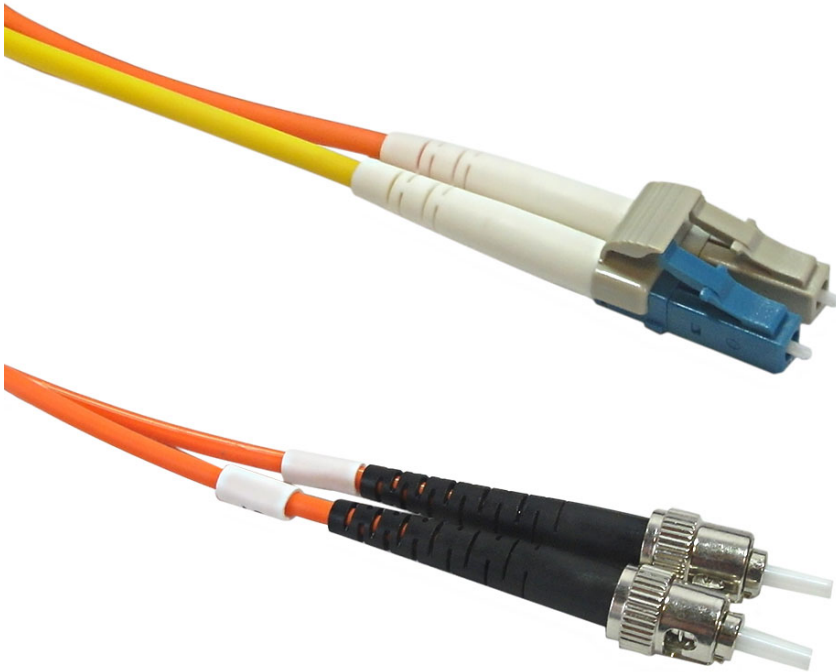
RoHS	Yes
Conflict Minerals	Yes

**Packaging Information**

Package Quantity	1
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**Warranty Information**

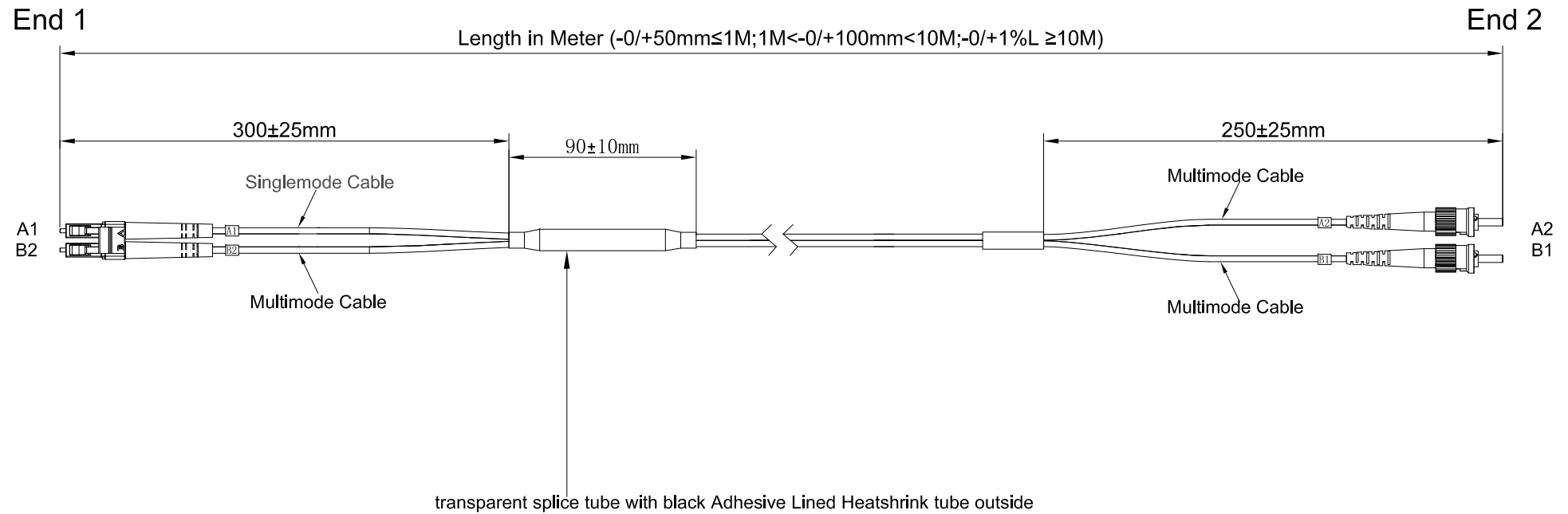
Warranty	Limited Lifetime
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## FO-MC110-xx-LC - Line Drawing



### Jacket Printing:

Phantom Cables Plus Corning 62.5/125 OM1 InfiniCor Optical Fiber  
Cable c(UL)us E504569 - RoHS LSZH/OFNR (date) (meter count)M

