

Features and Benefits

The LC connector is the result of increased demands for smaller easier-to-use fibre connectivity. The LC connector has reduced the spare requirements on equipment bays and distribution panels by 50%.

Connectors accommodate 900µm buffered fibre and 1.6mm and 2.4mm jacketed cable. Its six position tuning feature enables unprecedented insertion loss performance by optimising the alignment of the fibre cores.

- Small footprint
- RoHS Compliant
- Singlemode and Multimode
- Tunable - Optimises insertion loss performance
- GR 326 and IEC 874 tested
- Oven cure connectors

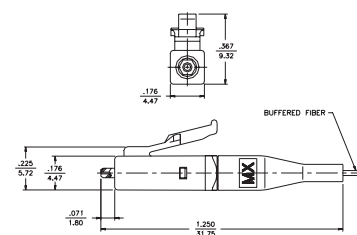
Technical Information

Mechanical Characteristics

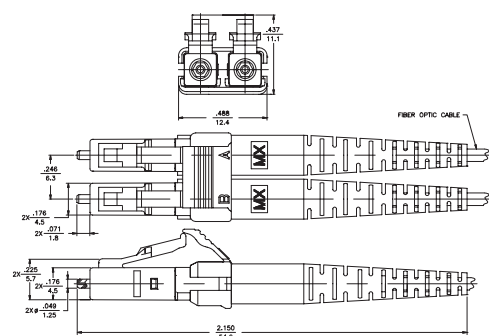
Singlemode
 Contact Material: Phosphor Bronze, 0.012 inches Thickness
 Nominal Fibre OD: 125µm
 Insertion Loss: 0.13, 0.06 dB (average standard deviation)
 Return Loss Minimum: 45 dB
 Cable Retention (Minimum): 15lbs./67N
 Mating Durability for 200 reconnects
 Insertion loss change: <0.2 dB
 Temperature Stability (-40 C to +75 C)
 Insertion loss change: <0.3 dB
 Tip Material: Ceramic

Multimode
 Nominal Fibre OD: 125µm
 Insertion Loss: 0.10, 0.07 dB (average standard deviation)
 Return Loss Minimum: 45 lbs./ 67N
 Mating Durability for 200 reconnects
 Insertion loss change: <0.3 dB
 Temperature Stability (-40 C to +75 C)
 Insertion loss change: <0.3 dB
 Tip Material: Ceramic

LC Connector, 900µm Boot



LC Connector, Duplex 1.6mm Boot



All dimensions in INCHES mm

ORDERING INFORMATION

Order No.	SAP No.	Description
106024-5500	Consult Molex	LC, Singlemode, 900µm - Blue Boot
106024-3500	Consult Molex	LC, Multimode, 900µm - Blue Boot
106025-5000	Consult Molex	LC, Singlemode Duplex, 1.6mm - Blue Boot
106025-3000	Consult Molex	LC, Multimode Duplex, 1.6mm - Blue Boot

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