

REF : 48 MMT LCD

LC Duplex optical UPC adapters for Multimode fibres



Applications

LC/LC adapters are considered to be one of the most common SFF (Small Form Factor) inter-connection devices in fiber optic networking. The duplex version with flange allows for example 48 connections within the given space of 1U front plate of a patch panel. In the present version, the LC/LC duplex adapter for Multimode (MM) applications features a composite compound body with Snap-On and screwing devices including and two Phosphor-Bronze sleeves

General characteristics

- Optical adapters Multimode UPC Duplex LC/LC,
- Composite housing, beige
- SC footprint sized for an easier integration and mixed solution on patch panels, wall boxes and outlets
- Composite housing and centring sleeves made of Zirconia-Ceramic
- M2*6 screws to be ordered separately (48MMTVIS)
- Packaging: pack of 6 units.

Physical properties

Centring outer diameter	1.25 mm +/- 0.001mm
Concentricity	0.004mm
Material of sleeves	ZrO2 Zirconia-Ceramic
Available colours	Beige
Fixation mode	Snap-on thanks to a metal clip screwed thanks to 2 xM2*6
Connection to inserting connectors	Push-pull
Mating cycles	1000, after 2000, typical increase of <0.05dB

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Optical Performances

Typical Attenuation	< 0.2dB
Typical Return Loss	< -20 dB
Variations at low temperature (-10°C during 4 days)	< 0.3 dB
Variations at high temperature (60°C during 4 days)	< 0.3 dB
Variations at high humidity (90 à 95% @ 40°C during 4 days)	< 0.3 dB
Operating temperature range	-40°C to 85°C
Storage temperature range	-40°C to 90°C

Standards

Designed and tested to comply with the requirements of :	<ul style="list-style-type: none"> TIA/EIA 604-3 IEC, CECC, Telcordia (Bellcore)
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Related products

Part numbers	Description	Packing
48 MMT VIS	M2*6 screws for adapters	Pack of 48
48 MMT LCD FL	Multimode flangeless duplex LC UPC beige housing	Pack of 6
48 MMT LCQ	Multimode quad PC beige housing	Pack of 6



48MMTLCDFL



48MMTLCQ

Ordering information

Part numbers	Description	Packing
48 MMT LCD	Multimode duplex PC beige housing	Pack of 6