

## REF : 48 SMT LCD FL

LC Duplex optical UPC adapters for Singlemode fibres



P/N: 48SMTLCDFL

LC/LC UPC flangeless duplex blue adapter SM  
Suitable for OS1/OS2 & G657

### 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 most efficient duplex version allows for example 96 connections within the given space of 1U front plate of a patch panel. In the present version, the LC/LC duplex adapter for Singlemode (SM) applications features a composite compound body with Snap-On including two Zirconia/ceramic sleeves

### General characteristics

- Optical adapters Singlemode UPC flangeless Duplex LC/LC,
- Composite housing, blue,
- SC footprint sized for an easier integration and mixed solution on patch panels, wall boxes and outlets
- Composite body and centring sleeves made of Zirconia-Ceramic
- 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	Blue
Fixation mode	Snap-on thanks to a metal clip
Connection to inserting connectors	Push-pull
Mating cycles	1000, after 2000, typical increase of <0.05dB

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### Optical Performances

Typical Attenuation	< 0.1dB
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 :

- TIA/EIA 604-3
- IEC, CECC, Telcordia (Bellcore)

### Related products

Pat numbers	Description	Packing
48 MMT VIS	M2*6 screws for adapters	Pack of 48
48 SMT LCD	Singlemode duplex LC UPC blue housing	Pack of 6
48 SMT LCQ	Singlemode quad LC UPC blue housing	Pack of 6



48SMTLCD



48SMTLCQ

### Ordering information

Part number	Description	Packing
48 SMT LCD FL	Singlemode flangeless duplex LC UPC blue housing	Pack of 6