MMC MultimediaConnect

REF : 48 SMT LCAD FL

LC Duplex optical APC 8° adapters for Singlemode fibres

P/N : 48SMTLCAD FL
LC/LC APC 8° flangeless duplex green 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 à patch panel. In the present version, the LC-APC/LC-APC duplex adapter for Singlemode (SM) applications features a composite compound body with Snap-On and screwing devices including two Zirconia/ceramic sleeves

General characteristics

- Optical adapters Singlemode APC 8° flangeless Duplex LC/LC,
- Composite housing green
- 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 & Beige held on stock, other on request)	Green
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 (SM)
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

Part numbers	Description	Packing
48 MMT VIS	M2*6 screws for adapters	Pack of 48
48 SMT LCAD	Singlemode duplex LC APC green housing	Pack of 6
48 SMT LCAQ	Singlemode quad LC APC green housing	Pack of 6
48 SMT LCAQ FL	Singlemode flangeless quad LC APC green housing	Pack of 6

48SMTLCAD

48SMTLCAQ

Ordering information

Part number	Description	Packing
48 SMT LCAD FL	Singlemode flangeless duplex LC APC green housing	Pack of 6