

**REF : 48 SMT SCD**

SC Duplex optical UPC adapters for Singlemode fibres



P/N: 48SMTSCD  
 SC/SC UPC duplex blue adapter SM with flange  
 Suitable for OS1/OS2

## Applications

SC/SC adapters are considered to be one of the most common inter-connection devices in fiber optic networking. The most efficient duplex version allows for example 48 connections within the given space of 1U front plate of a patch panel. In the present version, the SC/SC 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 UPC Duplex SC/SC,
- Composite housing, blue
- 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	2.5 mm +/- 0.001mm
Concentricity	0.001mm
Material of sleeves	ZrO2 Zirconia-Ceramic
Available colours	Blue
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	< 0.1dB
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
- IEC, CECC, Telcordia (Bellcore)

### Related products

Part numbers	Description	Packing
48 MMT VIS	M2*6 screws for adapters	Pack of 48 pcs
48 SMT SCD FL	Singlemode flangeless duplex SC UPC blue housing	Pack of 6



48SMTSCDFL

### Ordering information

Part number	Description	Packing
48 SMT SCD	Singlemode duplex SC UPC blue housing	Pack of 6