

## REF : 48 MMT SCD FL

SC Duplex optical UPC adapters for Multimode fibres



P/N: 48MMTSCDFL  
SC/SC duplex beige adapter MM flangeless  
Suitable for OM1/OM2/OM3/OM4

## 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 Multimode (MM) applications features a composite body with Snap-On including two ZrO<sub>2</sub> Zirconia/ceramic sleeves

## General characteristics

- Optical adapters Singlemode Duplex SC/SC,
- Composite, beige housing,
- Composite body and centring sleeves made of ZrO<sub>2</sub> Zirconia/ceramic
- Packaging: pack of 6 units.

## Physical properties

Centring outer diameter	2.5 mm +/- 0.001mm
Concentricity	0.001mm
Material of sleeves	ZrO <sub>2</sub> Zirconia/ceramic
Available colours	Beige
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

## Optical Performances

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Typical Attenuation	< 0.2 dB
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 SCD	Multimode duplex SC UPC beige housing	Pack of 6



48MMT SCD

### Ordering information

Part numbers	Description	Packing
48 MMT SCD FL	Multimode flangeless duplex SC UPC beige housing	Pack of 6