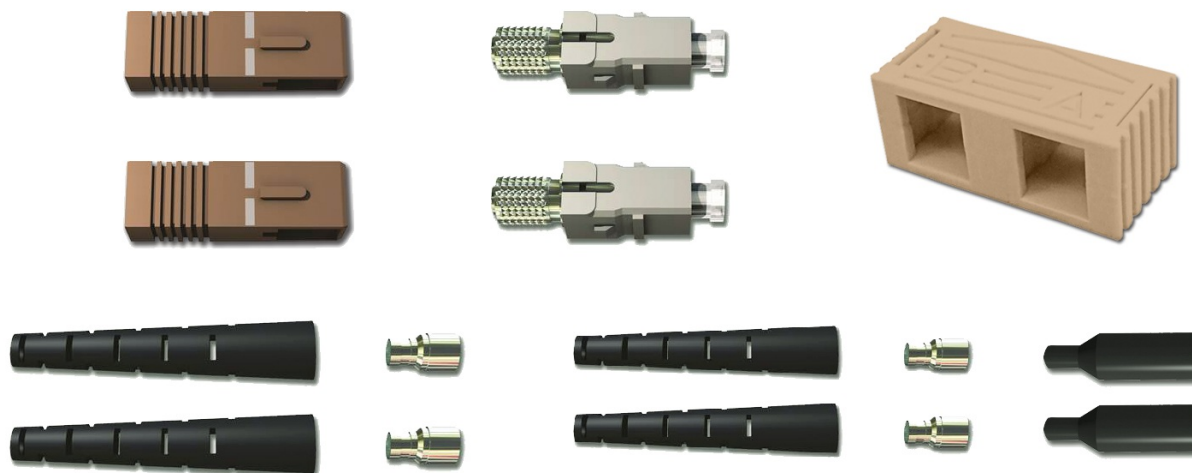


P/N : 48 MMC SCD

UPC SC duplex multimode connector for 900µm/2mm/3mm cables



P/N: 48MMCSCD

SC UPC duplex connector, suitable for OM1, OM2, OM3, OM4

Applications

MMC optical connectors are ideal for all multimode applications. These connectors are a part of the complete optical link and suit all types of multimode networks, like Telecom, LAN (local Area Network), WAN (Wide Area Network) and MAN (Metropolitan Area Network). They can be assembled thanks to the MMC MASTER heat cure tool kit, or either any other cold cure tool kit.

General Characteristics

- Optically and mechanically compatible with all the equivalent adapters.
- Multimode connector with ceramic ferrule (ZrO₂) and beige composite body
- 900µm, 2mm & 3mm black boots included
- Crimp termination
- Packaging : pack of 6 units

Standards compliance

- IEC 60874-14,
- CECC BFOC 86260
- Bellcore/Telcordia
- TIA/EIA 604-3, TIA/EIA 568
- With no hazardous substances as detailed in ROHS 2002/95/EC

P/N : 48 MMC SCD

UPC SC duplex multimode connector for 900µm/2mm/3mm cables

Physical Properties

| | |
|---------------------------------|---------------------------------------|
| Types | SC |
| Surface of the ferrule | Ultra Polished |
| Outside diameter of the ferrule | 2.5mm +/- 0.001mm |
| Material of ferrule | ZrO ₂ (Zirconia / Ceramic) |
| Connector surface | Convex |
| Connection of fiber | Epoxy |
| Material of body | Composite, beige housing |
| Ferrule drilling | 125/126 µm |
| Type of boots | 900µm, 2mm & 3mm |
| Colour of boots | black |
| Insertion method | Push-pull |

Optical performances

| | |
|---|--|
| Mating cycles: | > 1000 cycles. After 2000, typical increase of 0.05 dB |
| Return Loss | > 25.0 dB |
| Insertion Loss (Attenuation) | < 0.20 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 80°C |
| Storage temperature range | -40°C to 90°C |

Related products

| Part number | Description | Packaging |
|-------------|----------------------------------|-----------|
| 48 MMT SCD | UPC Multimode simplex SC adapter | Pack of 6 |
| MMC MASTER | Optical tool case | Unit |



48MMTSCD



MMC MASTER

Ordering information

| Part number | Description | Packaging |
|-------------|-----------------------------------|-----------|
| 48 MMC SCD | UPC Multimode duplex SC connector | Pack of 6 |