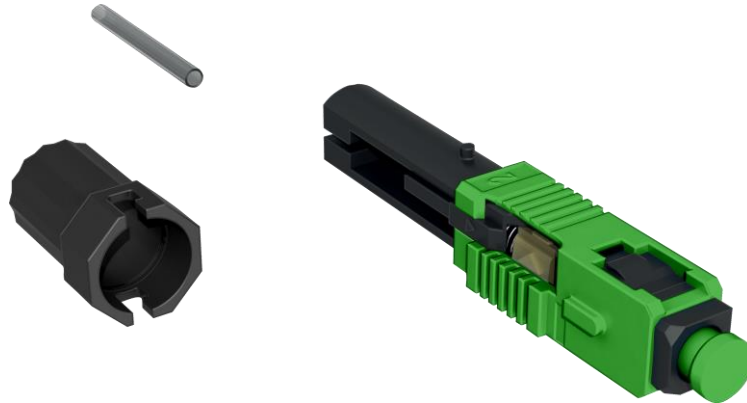


P/N : 48 SMC SCAS FLD

Optical APC SC simplex singlemode field connector for 3/2/0.9mm



P/N: 48SMCSCASFLD

SC APC simplex field connector, suitable for OS2, OS1, G657

Applications

MMC optical field connectors are fast and easy to install. They are ideal for all singlemode applications and suit all types of singlemode networks, like, CAN (Campus Area Network), MAN (Metropolitan Area Network), FTTH (Fiber To The Home), FTTH (Fiber To The Home), FTTH (Fiber To The Home), FTTH (Fiber To The Home) & Broadcast.

No need to polished or cure it, the fiber is already factory inserted into the ferrule and pre-polished. Cleave it with an automatic cleaver and it is already finished, thanks to the matching gel inside the body that assures the alignment properly with high performances results.

The MMC field connectors are suitable for several types of cables, round: 250µm, 900µm, 2mm, 3mm, flat: 2mm x 3mm

General Characteristics

- Optically and mechanically compatible with all the equivalent adapters.
- Singlemode connector with ceramic ferrule (ZrO₂) and green composite body
- 900µm, 2mm and 3mm black boot included
- Field termination after cleaving operation thanks to an automatic cleaver
- Packaging : pack of 6 units

Standards compliance

- IEC 61754,
- Bellcore/Telcordia
- TIA/EIA 604.10
- ROHS compliance on all components and final product,
- With no hazardous substances as detailed in ROHS 2002/95/EC

P/N : 48 SMC SCAS FLD

Optical APC SC simplex singlemode field connector for 3/2/0.9mm

Physical Properties

Types	SC
Surface of the ferrule	Angles Polished (8°)
Outside diameter of the ferrule	2.5mm +/- 0.001mm
Material of ferrule	ZrO ₂ (Zirconia / Ceramic)
Connector surface	Convex
Connection of fiber	Cleave & play
Material of body	Green composite
Ferrule drilling	125/126 µm
Type of boots	900µm, 2mm or 3mm
Colour of boots	Black
Insertion method	Push-pull

Optical performances

Mating cycles:	< 0.3 db, 100 cycles
Return Loss	Typical 50 dB maximum
Insertion Loss (Attenuation)	Typical 0.30 dB to 0.5 dB maximum
Operating temperature range	-40°C to 75°C
Storage temperature range	-40°C to 75°C

Related products

Part number	Description	Packaging
48 MMC SCS FLD	UPC Multimode simplex SC field connector for 900µm/2mm/3mm cables	Pack of 6
48 SMC SCS FLD	UPC Singlemode simplex SC field connector for 900µm/2mm/3mm cables	Pack of 6



48MMCSCSFLD



48SMCSCSFLD

Ordering information

Part number	Description	Packaging
48 SMC SCAS FLD	APC Singlemode simplex SC field connector for 900µm, 2mm & 3mm cable	Pack of 6