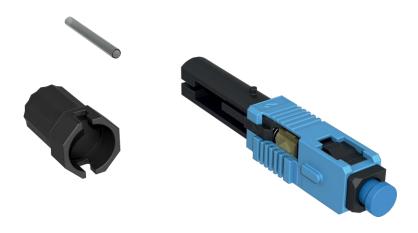


Data Sheet 1/2

22/05/14 / FT / Ed. 1.0

P/N: 48 SMC SCS FLD

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



P/N: 48SMCSCSFLD SC UPC 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), FTTD (Fiber To The Desk), FTTH (Fiber To The Home), FTTA (Fiber To The Antenna) SAN (Storage Area Network) & Broadcast.

No need to polished or cure it, the fiber is already factory inserted into the ferule 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 blue 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

Data Sheet 2/2

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P/N: 48 SMC SCS FLD

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

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	Cleave & play	
Material of body	Blue 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 40 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 produ	cts	
Part number	Description	Packaging
48 MMC SCS FLD	UPC Multimode simplex SC field connector for 900µm/2mm/3mm cables	Pack of 6
48 SMC SCAS FLD	APC Singlemode simplex SC field connector for 900µm/2mm/3mm cables	Pack of 6





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