

Fibre Optic Assemblies & Components

Fibre Optic Connectors



Fibre Optic Connectors are an important component in a fibre optic network; they are used on a fibre optic patch cord or pigtail with an adaptor to make connections.

We make sure that every connector that leaves our production is tested and performs as per the international standards.

Applications

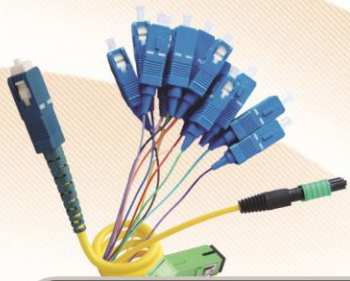
- Telecommunications
- Data Communications
- CATV
- LAN/WAN

Technical Specifications

	Singlemode	Multimode
Insertion Loss (dB)	Typical 0.2	≤0.2
Return Loss (dB)	Typical 55 (UPC), 65 (APC)	n/a
Durability (500 mating)	Clean every 26	Clean every 26
Operating Temperature (°C)	-40 - +85	40 - +85
Maximum Temperature (°C)	70 (for 96 Hours)	70 (for 96 Hours)
Damp Heat (°C)	40 at 92% RH (for 96 Hours)	40 at 92% RH (for 96 Hours)
Ferrule Diameter (mm)	2.5±0.001 (2.5), 1.2463-1.2495 (1.25)	2.5±0.001 (2.5), 1.2463-1.2495 (1.25)
Tensile Strength (N)	>50	>50
Vibration (Hz)	10-55, 1.5mm P to P	10-55, 1.5mm P to P

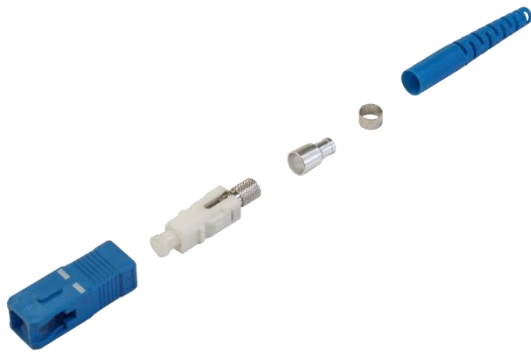
Common Connector Types





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Fibre Optic Connectors



SC



ST



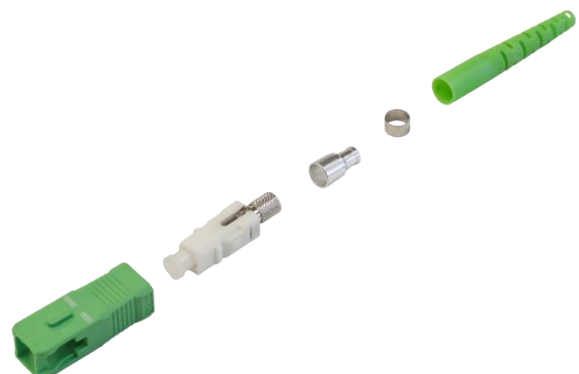
MTRJ



MU

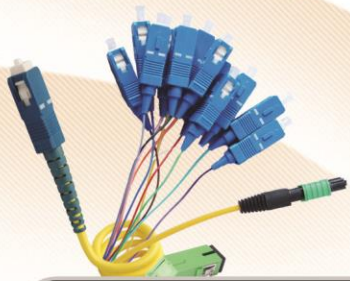


Duplex



APC

Note: Listed above are our standard connector types. Should you require a connector type that isn't in the table above, please contact us as more types are available.



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Ordering Information

Use the formula below to create the part number.

Connector Type		Connector Body Types		Boot Size	
FC	FC	Standard	C	900um (Pigtail Standard)	9
ST (UPC Only)	ST	Field Installed (FC And LC Only)	FIC	2mm (LC/MU Standard)	2
SC	SC			3mm	3
LC	LC				
E2000	E2				
MU	MU				
MTRJ (Duplex Only)	MTRJ				
APC	+A (i.e. "SCA" for SC/APC)				

SC	SX	C	MM	9	BE
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Simplex/Duplex		Fibre Type		Colour	
Simplex	SX	Singlemode	SM	Blue (Singlemode Standard)	BL
Duplex	DX	Multimode	MM	Beige (Multimode Standard)	BE
		OM3/OM4	MM3	Aqua (OM3/OM4 Standard)	AQ
				Red (FC Standard)	RE
				Black (ST Standard)	BL
				Green (APC Standard)	GR

Example: **SCSXMM9BE** – SC Simplex Multimode Standard Connector with 900um Beige Boot

For any queries, please contact the Linxcom team using the details below.