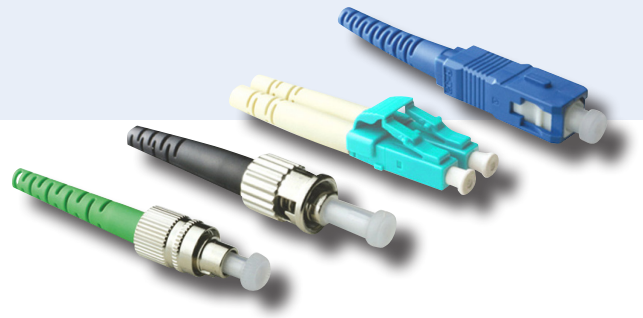


Epoxy Fibre Optic Connectors



FOS supplies a large range of reliable and high quality fibre optic connectors. Connectors offer the simplest way of adding connect and disconnect capability to a fibre optic network and offer an excellent temporary or long-term alternative to fusion splicing.

Available in a range of common, legacy and specialty variants and to suit a range of fibre modes and cable styles. FOS connectors provide a reliable, high performance link between fibre cables in your network.

Applications

- Ethernet, fibre channel, ATM and WAN
- Telecommunications networks
- Local area networks
- Data processing networks
- Cable television

Features & Benefits

- Multiple connector styles & colours to suit a range of cable constructions
- A range of standard and custom boot colours to suit network or circuit identification
- Precision zirconia ceramic ferrules offer low insertion loss and excellent return loss
- Connectors comply with relevant IEC & TIA standards for ensured performance and quality
- RoHS & REACH SvHC compliant



Active | Passive | Test Equipment | Tooling | Cable | Fibre Management

For further information:
www.fibreoptic.com.au
+61 3 9757 3000

Technical Specifications

SC Connector

	Performance			Conformance
	MM	SM	APC	
Insertion Loss Typ/Max (dB)	0.1 / 0.25	0.08 / 0.2	0.08 / 0.2	IEC 61300-3-34
Return Loss Typ/Min (dB)	N/A	55 / 50	70 / 65	IEC 61300-3-6
Mating Durability (cycles)	500 <0.2db change			IEC 61300-2-2
Intermateability	Compliant			IEC 61754-4
Operating Temperature (°C)	-25 to +70 (12 Cycles, <0.2db)			IEC 61300-2-22

LC Connector

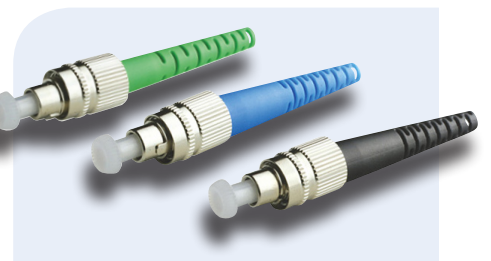
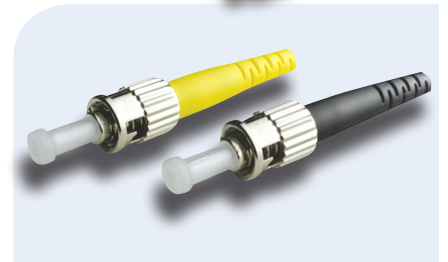
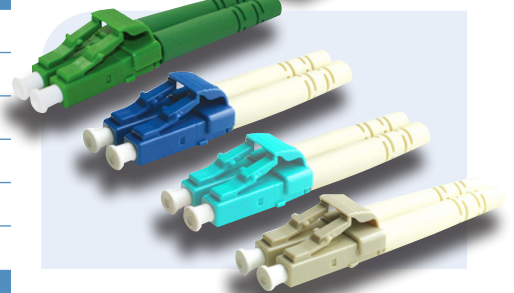
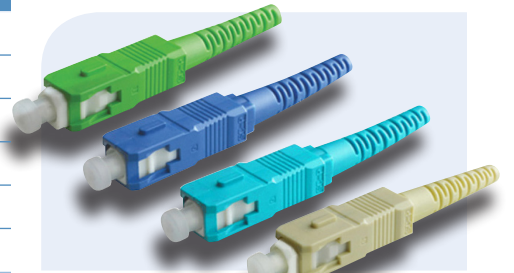
	Performance			Conformance
	MM	SM	APC	
Insertion Loss Typ/Max (dB)	0.1 / 0.25	0.08 / 0.2	0.08 / 0.2	IEC 61300-3-34
Return Loss Typ/Min (dB)	N/A	55 / 50	70 / 65	IEC 61300-3-6
Mating Durability (cycles)	500 <0.2db change			IEC 61300-2-2
Intermateability	Compliant			IEC 61754-20
Operating Temperature (°C)	-25 to +70 (12 Cycles, <0.2db)			IEC 61300-2-22

ST Connector

	Performance		Conformance
	MM	SM	
Insertion Loss Typ/Max (dB)	0.15 / 0.30	0.15 / 0.30	IEC 61300-3-34
Return Loss Typ/Min (dB)	N/A	55 / 50	IEC 61300-3-6
Mating Durability (cycles)	500 <0.2db change		IEC 61300-2-2
Intermateability	Compliant		IEC 61754-2
Operating Temperature (°C)	-25 to +70 (12 Cycles, <0.2db)		IEC 61300-2-22

FC Connector

	Performance			Conformance
	MM	SM	APC	
Insertion Loss Typ/Max (dB)	0.1 / 0.25	0.08 / 0.2	0.08 / 0.2	IEC 61300-3-34
Return Loss Typ/Min (dB)	N/A	55 / 50	70 / 65	IEC 61300-3-6
Mating Durability (cycles)	500 <0.2db change			IEC 61300-2-2
Intermateability	Compliant			IEC 61754-13
Operating Temperature (°C)	-25 to +70 (12 Cycles, <0.2db)			IEC 61300-2-22



Ordering Information

EC - SC M3/4 - 2 (AQ)

Epoxy Connector	Connector Type	Fibre Mode	Cable Diameter	Boot Colour
	SC: SC/UPC	S: Singlemode	9: 900um	BK: Black
	SCA: SC/APC	M1: OM1	2: 2.0mm	RD: Red
	SCD: SC/UPC Duplex	M3/4: OM3/4	3: 3.0mm	YL: Yellow
	SCAD: SC/APC Duplex			WH: White
	LC: LC/UPC			Note: Leave blank for standard boot colours listed below.
	LCA: LC/APC			SM: Blue
	LCD: LC/UPC Duplex			SM 8°: Green
	LCAD: LC/APC Duplex			OM1: Beige/Black
	ST: ST/UPC			OM3/4: Aqua
	FC: FC/UPC			
	FCA: FC/APC			

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