

Fibre Patch leads

- **Singlemode & Multimode terminations**
- **Low insertion loss**
- **Superior machine polish**
- **UPC & APC polishes**
- **100% tested & inspected**
- **Termination of active & passive devices**

Our optical fibre patch leads are designed to meet worldwide specifications and requirements for data centre, telecommunications and industrial use. Fibre patch leads are an integral part of the optical systems that we manufacture and test in our own factory. Patch cords are available with FC/PC, FC/APC, SC, SC/APC, ST, ST/APC, EC, E2000, LC, MU and MTRJ connectors with OS1, G652, G657, OM1, OM2 or OM3 fibre optic cable.

Our fibre patch leads typically meet an optical return loss equal to or better than -55dB for UPC polish, or -65dB for APC polish. Average insertion loss shall not exceed 0.4dB per mated pair for both multimode and single-mode and are available in various whole and fractional metre lengths. The patch leads are compliant with TIA-568-C.

- Offered in SC, ST, FC, LC, MT-RJ or hybrid options
- All connectors have precision pre-radiused zirconia ferrules
- ST and FC connectors have metal bodies
- Standard and custom configurations available
- Duplex clips included with duplex configurations

STANDARDS COMPLIANCE

Fibre terminations comply to Telcordia GR-326-CORE for Return Loss, Apex Offset, Radius of Curvature and Fibre Undercut / Protrusion; LUL 2-01001-002 Fire Safety Performance of Materials.

Cable Type & Colour

OM1/2/3 Multimode: LSOH simplex or duplex zip cord multimode cable. Standard 50/125µm and 62.5/125µm orange / aqua (OM3) jacket cable.

OM4 Multimode: 50/125µm Laser Optimized (10G-300m) LSOH duplex zip cord multimode cable (aqua jacket)

OS1 Single-Mode: LSOH simplex or duplex zip cord single-mode cable (yellow jacket) in UPC or APC polish -style connectors.



Technical Specifications

Connector Performance (Typical):			Singlemode	Multimode
Ultra PC	Insertion Loss		<0.30 db	<0.3 db
	Return Loss		>50 db (>57 db elite)	
APC	Insertion Loss		<0.30 db	
	Return Loss		>60 db	

All Industry Standard Connectors Available, including: FC, FC/APC, SC, SC/APC, EC, ST™, LC, MU, E2000, MT-RJ etc.

Ordering Information

For ordering information please see the part number format below, or contact us for assistance.



SC - SC Singlemode
1.6mm Duplex 5m

Example Part No: SC SC-9-Z16-YW-5M0

Connector A / B		Mode		Cable Type		Colour		Whole Metres	Decimal Metres
FC/PC	FC	Singlemode OS1	9	Simplex 1.6mm	S16	Yellow	YW	Up to 125m	0
FC/APC	FCA	Singlemode OS1 Elite	9E	Simplex 2mm	S20	Orange	OE		5
LC	LC	Singlemode OS1 G657*	9B	Simplex 2.8mm	S28	Aqua	AQ		
LC 45° or 90° boot	CALL					Grey	GY		
LC short boot	LCS	Multimode 62/125 OM1	62	Duplex 1.6mm	Z16	Violet	VT		
LC/APC	LCA			Duplex 2mm	Z20				
SC	SC	Multimode 50/125 OM2	50	Duplex 2.8mm	Z28				
SC/APC	SCA								
SC/APC 9°	SCA9	Multimode 50/125 OM3	53						
ST	ST								
E2000	E2	Multimode 50/125 OM4	54						
E2000 angled	E2A								
EC	EC								
MTRJ	MT								
MTRJ Female	MTF								
MU	MU								

* G657 - Bend Insensitive Cable