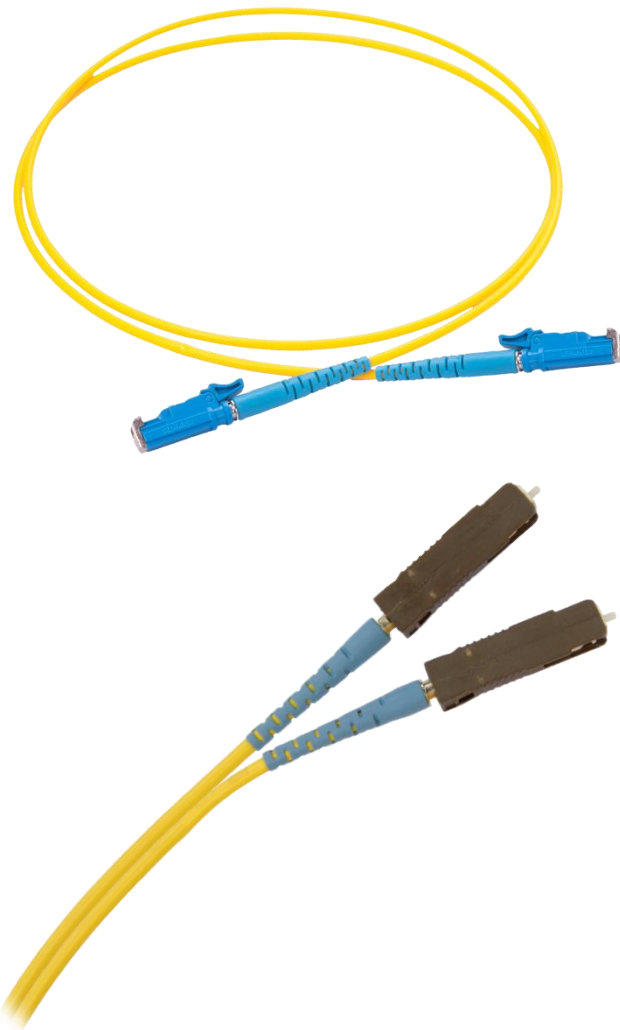


## Fibre Optic Assemblies & Components

# Singlemode Patch Cords



Linxcom offers a wide range of patch cords, designed and manufactured for demanding LAN and telecom applications. It comprises of singlemode OS1 (9/125um) and OS2.

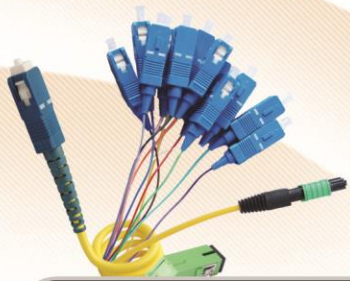
Available in simplex and duplex with the following connector types: ST, SC, LC, FC, E2000, SMA, MTRJ, MU and more, in UPC and APC. Coloured jacket, 2mm or 3mm available upon request.

### Features & Benefits

- ISO certified laboratory
- 100% tested on optical performance (Insertion Loss & Return Loss)
- End-face geometry requirement comply to Telcordia GR-326-CORE
- Compliant with RoHS, IEC 874-14, TIA/EIA-568-B.3 and ISO/IEC 11801, IEC-61754-7, TIA-604-5
- For end-to-end fibre cable connectivity
- High concentricity 2.5mm ceramic ferrule for FC, ST, SC and 1.25mm ceramic ferrule for LC and MU
- Available in Single mode OS1 (9/125) and OS2
- Cable outer jacket available in Riser (OFNR), Low Smoke Zero Halogen (LSZH), Plenum (OFNP)
- Standard colour is Yellow, other colours available upon request
- Coloured connector boot for easy identification for Singlemode with APC connectors
- Customer specified length
- Corning fibre available for selection G. 652-D is our standard but available in G. 652-B, G. 655, G. 657

### Technical Specifications















Insertion Loss (dB)	Typical 0.2 (PC/UPC)
Return Loss (dB)	Typical 50 dB, Maximum 60dB (APC)
Maximum Tensile Load	100N/cm
Apex Offset	≤50um, ≤100um
Connector Types	APC, UPC, PC
Fire Performance	LSZH
Operating Temperature	-40°C to +80°C
Radius of Curvature	10-25mm, 5-15mm
Attenuation in 1330/1550	0.38/0.24
Fibre Spherical Height	-90nm, +50nm
Strength Members	Aramid
Fire Resistance	IEC 60332-1
Angular Offset	8°±0.5° (APC)



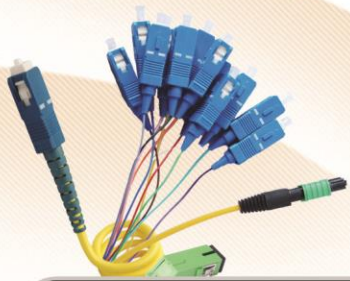
## Fibre Optic Assemblies & Components

# Singlemode Patch Cords

### Common Connector Types

E2000 Simplex	E2000/APC Simplex	MTRJ	MU
			
FC Simplex	FC/APC Simplex	SC Simplex	SC/APC Simplex
			
LC Simplex	LC/APC Simplex	SC Duplex	SC/APC Duplex
			
LC Duplex	LC/APC Duplex	ST Simplex	
			

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 in most combinations.



## Fibre Optic Assemblies & Components

# Singlemode Patch Cords

### Ordering Information

Use the formula below to create the part number.

Connector A		Patch Cord		Colour	
FC	FC	Simplex	SPC	Yellow (Singlemode Standard)	YEL
ST (UPC Only)	ST	Duplex	DPC	Orange (OM1/OM2 Standard)	OR
SC	SC			Aqua (OM3/OM4 Standard)	AQ
LC	LC			Red	RE
E2000	E2			Black	BLK
MU	MU			Grey	GY
MTRJ (Duplex Only)	MTRJ			Blue	BL
				Green	GR
APC	+A (i.e. "SCA" for SC/APC)				

LC	SC	DPC	OS1	YEL	03
----	----	-----	-----	-----	----

Connector B		Fibre Type		Length	
FC	FC	OS1	OS1	1m	01
ST (UPC Only)	ST	OS2	OS2	2m	02
SC	SC	G652	652	3m	03
LC	LC	G655	655	4m	04
E2000	E2	G656	656	5m	05
MU	MU	G657	657	10m	10
MTRJ (Duplex Only)	MTRJ			15m	15
				20m	20
APC	+A (i.e. "SCA" for SC/APC)			...	...
				100m	100

Example: **LCSCDPCOS1YEL03** – LC-SC OS1 Duplex Patch Cord Yellow Jacket 3m

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