

Fibre Optic Assemblies & Components

Singlemode Pigtails



Linxcom offers a wide range of pigtails, designed and manufactured for demanding network applications. It comprises of singlemode OS1 and OS2 (9/125).

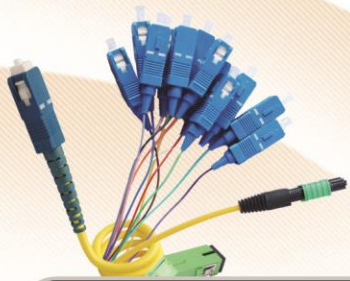
Available in simplex with the following connector types: ST, SC, LC, FC, E2000, SMA, MTRJ, MU and more, in UPC or APC. Coloured jacket, 2mm or 3mm and fan-out available upon request.

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 Singlemode OS1 and OS2 (62.5/125, 50/125)
- Cable outer jacket available in Riser (OFNR), Low Smoke Zero Halogen (LSZH), Plenum (OFNP)
- Standard colour is Yellow or White, other colours available upon request
- Coloured connector boot for easy identification
- Customer specified length
- Corning fibre available
- APC connector type available

Technical Specifications

	ST	SC	LC	MTRJ	FC
Insertion Loss dB at 850nm	<0.2	<0.2	<0.2	<0.5	<0.2
Return Loss dB at 1330nm	>50	>50	>50	>30	>50
Dispersion Coef nm/km at 1310nm	<3.0	<3.0	<3.0	<3.0	<3.0
Dispersion Coef nm/km at 1550nm	<18.0	<18.0	<18.0	<18.0	<18.0
Attenuation Maximum dB at 1310nm	<4.0	<4.0	<4.0	<4.0	<4.0
Attenuation Maximum dB at 1550nm	<3.0	<3.0	<3.0	<3.0	<3.0
Outer Diameter (mm)	0.9				
Sheath Material	IEC874-14 LSZH				
Operating Temperature	-40°C to +80°C				



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Common Connector Types

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

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.

Ordering Information

Using the available configurations amend/create a part number using the formula below.

Connector A		Pigtail	
LC	LC	Pigtail	P
SC	SC		
E2000	E2000		
FC	FC		
ST	ST		
MU	MU		
SMA	SMA		
MTRJ	MTRJ		
APC	+A (i.e. "SCA" for SC/APC)		

SC	OS1	P	1.5
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Fibre Type		Length	
OS1	OS1	1m	01
OS2	OS2	1.5m	1.5
G.652	G.652	2m	2.0
G.655	G.655
G.657	G.657	10m	10

Example: **SCOS1P1.5** Connector SC Fibre Type OS1 Pigtail Length 1.5

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