

9/125 (OS1-OS2) Optical Fibre Patch Cords



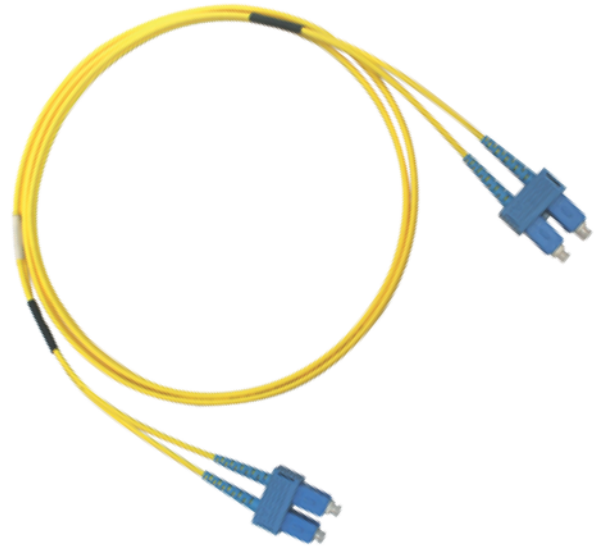
Our singlemode patch cords are manufactured using LSZH cables which conform to IEC, EIA TIA and Telecordia standards. OS1/OS2 patch cords are terminated with our standard connector which gives optimum optical performance.

Features

- ▶ SC, LC, ST, FC, MU and E2000 connectors
- ▶ Low smoke zero halogen (LSZH) jacket in yellow colour
- ▶ 900µm tight buffer
- ▶ OS1/OS2 fibre conforms to ITU-652.D, TIA/EIA 492 CAAA
- ▶ Simplex and duplex assemblies
- ▶ Duplex assemblies available with clips (SC and LC)
- ▶ Different connector performance range for specific application
- ▶ Armoured option also available

Applications

- ▶ CATV / VIDEO
- ▶ Passive Optical Network PON
- ▶ WDM / DWDM
- ▶ FTTH
- ▶ Data centres - Support high speed multi channel video, data and voice services in metropolitan and access networks
- ▶ ATM, SONET and WDM



Connector Specification

Optical Performance	Singlemode	Conformance
IL Max/Master (Acceptance)	0.25 dB	IEC 61300-3-4
Ave/Master*	0.18 dB	IEC 61300-3-4
Ave/Random*	0.18 dB	IEC 61300-3-34
Return Loss UPC/APC	55/65 dB	IEC 61300-3-6

Fibre Specification

Characteristics	
Attenuation (dB) / km	0.38 @ 1310nm / 0.25 @ 1550nm
Chromatic Dispersion (ps/nm x km)	3.0 @ 1310nm / 18.0 @ 1550nm

Cable Specification

Characteristics	Simplex	Duplex
Cable Material	LSZH	LSZH
Strength Member	Aramid	Aramid
Crush (N)	1000	1000
Operating Temperature (°C)	-20 to 60	-20 to 60
Fire Specification	IEC 60332-1	