

Description

Singlemode patch cords are used for telecom networks and also used for high speed metropolitan and access network. 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 & Benefits

- 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 Supports 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

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		

Fibre Specification

CHARACTERISTICS

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

Part Number Generator

PREFIX	CONNECTORS	MODEL	LENGTH *
FP	11	05	1D
	ST-ST = 01 ST-SC = 02 SC-SC = 03 LC-LC = 04 LC-SC = 05 LC-ST = 06 LC-MTRJ = 07 MTRJ-MTRJ = 08 MTRJ-SC = 09 MTRJ-ST = 10 FC-FC = 11 FC-ST = 12 FC-SC = 13 FC-LC = 14	OS1/OS2 = 05 OM1 = 06 OM2 = 07 OM3 = 08 OM4 = 09	1D 2D 3S 4F etc.

* SIMPLEX (S)
DUPLEX (D)
FLAT TWIN (F)