Fibre

Description

Multimode patch cords are used to connect high speed and legacy networks like Gigabit Ethernet, Fast Ethernet and Ethernet. Our multimode patch cords are manufactured using LSZH cables which conform to IEC, EIA TIA and Telecordia standards.
OM1 patch cords are terminated with our standard connector which gives optimum optical performance.

Features & Benefits

- SC, LC, ST, FC and MTRJ connectors
- Low smoke zero halogen (LSZH) cable in grey colour
- 900µm/600µm tight buffer
- OM1 fibre conforms to TIA/EIA 492AAAA, IEC60793-2-10
- Simplex and duplex assemblies
- Duplex assemblies available with clips (SC and LC)
- Different connector performance range for specific application
- Armoured option also available

Applications

- Gigabit Ethernet in high speed LAN networks over an indicative 275 m link length at 850 nm (SX) wavelength
- Legacy networks including Ethernet, Fast Ethernet and FDDI
- Data centers
- Premises cabling in data networks including backbone, riser and horizontal
- Supports video, data and voice services

Connector Specification

OPTICAL PERFORMANCE	MULTIMODE	CONFORMANCE
IL Max/Master (Acceptance)	0.25 dB	IEC 61300-3-4
Ave/Master*	0.15 dB	IEC 61300-3-4
Ave/Random*	0.20 dB	IEC 61300-3-34

Fibre Specification

CHARACTERISTICS	
Attenuation (dB)	3.0 @ 850nm / 0.8 @1300nm
Bandwidth OFL (MHz x km)	200 @ 850nm / 500 @1300nm

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 Specfication		IEC 60332-1

Part Number Generator

PREFIX	■	CONNECTORS	■	MODEL	■	LENGTH *
FP	▪	11	▪	05	▪	1D

CONNECTORS	MODEL	LENGTH
ST-ST = 01	OS1/OS2 = 05	1D
ST-SC = 02	OM1 = 06	2D
SC-SC = 03	OM2 = 07	3S
LC-LC = 04	OM3 = 08	4F
LC-SC = 05	OM4 = 09	etc.
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		

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

STERLING