50/125 (OM3) Optical Fibre Patchcords - Aqua

STERLING

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. The OM3 patch cords are terminated with our standard connector which gives optimum optical performance.

Features & Benefits

- **SC, LC, ST and FC connectors**
- **Low smoke zero halogen (LSZH) cable in aqua**
- **900µm tight buffer**
- **OM3 fibre conforms to ITU-T G.651.1, TIA/EIA 492AAAB, 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

- **For use in 10 Gb/s high speed LAN networks over a 300 m indicative link length at 850 nm (SX) wavelength using a laser launch**
- **For use in 1 Gb/s high speed LAN networks over a 1000 m indicative link length at 850 nm (SX) wavelength using a laser launch**
- **High speed and legacy networks including Gigabit Ethernet, Fast Ethernet and Ethernet**
- **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

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 Specifcation	IEC 60332-1	

Fibre Specification

CHARACTERISTICS	
Attenuation (dB) / km	2.8 @ 850nm / 0.8 @ 1310nm
Bandwidth OFL (MHz x km)	1500 @ 850nm / 500 @ 1310nm
Bandwidth LEMB (MHz X km))	2000 @ 850nm

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)

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