

2220010099

Duplex Fiber Patchcord Multimode 50_125 (OM4) LC_LC 1m

OM4 Multimode Patchcord

- FC, LC, MTRJ, SC, and ST connectors
- Low smoke zero halogen (LSZH) cable in aqua or erika violet colour
- 900 µm / 600 µm tight buffer
- OM4 fibre conforms to ITU-T G.651.1, TIA/EIA 492AAAD, IEC60793-2-10 A1a.3a
- Simplex and duplex assembly options
- SC and LC duplex assemblies available with clips
- Higher optical performance available on request
- Armoured option also available
- REACH, RoHS & SvHC materials compliant

Description

Multimode patch cords are used to connect high speed and legacy networks like 10/40/100 gigabit ethernet, fast ethernet and ethernet. Multimode patch cords are manufactured using LSZH cable and conform to Telcordia, EIA TIA or IEC standards. The OM4 patch cords are terminated with standard connectors which gives optimum optical performance.

- For use in 10Gb/s high speed LAN networks over a 400m indicative link length at 850nm (SX) wavelength using a laser launch
- For use in 1Gb/s high speed LAN networks over a 1000m indicative link length at 850nm (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

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Specifications

Connector Specification

OPTICAL PERFORMANCE	MULTIMODE	CONFORMANCE
IL Max/Master (Acceptance)	0.25dB	IEC 61300-3-4
Ave/Master	0.15dB	IEC 61300-3-4
Ave/Random	0.20dB	IEC 61300-3-34
		Note: Return Loss >28dB based on sample data using method 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	IEC 60332-1

Fibre Specification

CHARACTERISTICS	
Attenuation (dB / km)	2.8 @ 850nm / 0.8 @ 1310nm
Bandwidth OFL (MHz x km)	3500 @ 850nm / 500 @ 1310nm
Bandwidth LEMB (MHz X km)	4700 @ 850nm

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