

50/125 (OM2) Optical Fibre Patchcords

Optronics multimode patchcords are used to connect high speed and legacy networks like Gigabit Ethernet, Fast Ethernet and Ethernet. Multimode patchcords conform to IEC, EIA TIA and Telecordia standards. OM2 patchcords are terminated with standard Optronics connectors which giving optimum optical performance.

Features / Benefits

- > SC, LC, ST, FC and MTRJ connectors
- > LSZH cable or PVC
- > 900µm tight buffer
- > OM2 fibre conforms to ITU-651, TIA/EIA 492AAAB
- > Simplex and duplex assemblies
- > Duplex assemblies available with clips (SC and LC)
- > Armoured option also available

Applications

- > For use in 1 Gb/s high speed LAN networks over a 550 m indicative link length at 850 nm 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)	0.30 dB	IEC 61300-3-4
Ave/Master*	0.15 dB	IEC 61300-3-4

*MTRJ - 0.4 dB

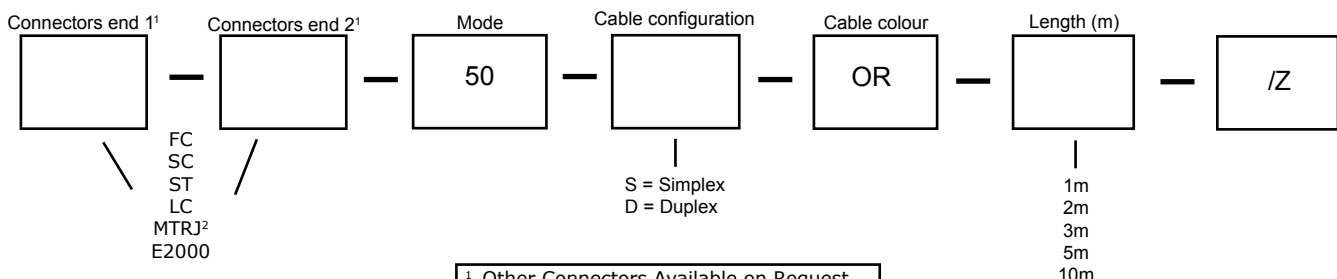
Cable Specification

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

Fibre Specification

CHARACTERISTICS	
Attenuation (dB) / km	2.8 @ 850nm / 0.8 @ 1300nm
Bandwidth OFL (MHz x km)	500 @ 850nm / 500 @ 1300nm
Max Ethernet Transmittable Distance	Please refer to Fibre Comparison Chart

Part Number Generator



¹ Other Connectors Available on Request
² MTRJ is only available in duplex