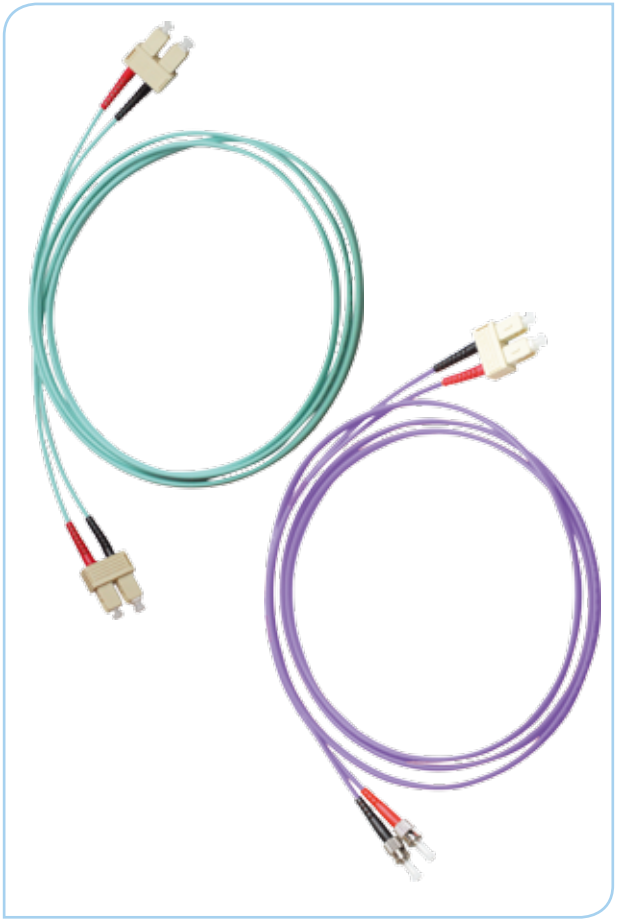
50/125 (OM3) Optical Fibre Patchcords

Optronics multimode patchcords are used to connect high speed and legacy networks like Gigabit Ethernet, Fast Ethernet and Ethernet. The multimode patchcords are manufactured using LSZH cables which conform to IEC, EIA TIA and Telecordia standards. The OM3 patchcords are terminated with standard Optronics connector which gives optimum optical performance.



Features / Benefits

- **SC, LC, ST, FC and MTRJ connectors**
- **Low smoke zero halogen (LSZH) cable in aqua or purple colour**
- **900µm tight buffer**
- **OM2 fibre conforms to ITU-651, TIA/EIA 492AAAC**
- **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)	0.30 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 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 / IEC 60332-3	

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
Max Ethernet Transmittable Distance	Please refer to Fibre Comparison Chart

Part Number Generator