



# 50/125 (OM2) Optical Fibre Patch Cords

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

## Features

- ▶ SC, LC, ST, FC and MTRJ connectors
- ▶ LSZH cable or PVC
- ▶ 900µm tight buffer
- ▶ OM2 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)
- ▶ 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 centres
- ▶ Premises cabling in data networks including backbone, riser and horizontal
- ▶ Supports video, data and voice services



## Connector Specification

<i>Optical Performance</i>	<i>Multimode</i>	<i>Conformance</i>
IL Max/Master (Acceptance)	0.25 dB	IEC 61300-3-4
Ave/Master*	0.15 dB	IEC 61300-3-4

\*MTRJ - 0.4 dB

## Fibre Specification

<i>Characteristics</i>	
Attenuation (dB) / km	2.8 @ 850nm / 0.8 @ 1300nm
Bandwidth OFL (MHz x km)	500 @ 850nm / 500 @ 1300nm

## Cable Specification

<i>Characteristics</i>	<i>Simplex</i>	<i>Duplex</i>
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	