

MULTIMODE

OM1

62.5/125µm

OM1 MULTIMODE FIBRE OPTIC PATCH LEADS

Optical fibre cables are the thin, flexible fibres of glass that carry telephone conversations and emails all over the world in a matter of seconds with much less interference than copper cables. Fibre-Optic cables need less amplification to boost signals so they travel better over longer distances.

4Cabling's OM1 Multimode Fibre Optic Patch Leads provide connection for high speed and legacy networks like Gigabit Ethernet, Fast Ethernet and Ethernet and are immune to EMI/RFI. They are mainly used on patch panels for the connection between outlets and terminal equipment. The multimode optical fibre cables are manufactured using LSZH cables which conform to IEC, EIA TIA and Telecordia standards.

FEATURES

- OM1, OM3, OM4 & OS1 optical fibre patch leads conform to ITU-651, TIA/EIA492AAAD
- Individually labelled for lead tracing
- Low smoke zero halogen (LSZH) cable
- Manufactured with stringent quality control
- All leads are supplied with a factory test report
- All connectors available on request
- All ends are polished and individually inspected for correct polishing
- Supports high speed multi-channel data, voice & video applications
- UL approved fibre optic cables



AVAILABLE COLOURS:
Orange, Blue and Salmon Pink

Specification: 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

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)	1500 @ 850nm / 500 @ 1310nm
Bandwidth LEMB (MHz X km)	2000 @ 850nm

For more information please contact one of our sales team on 1300 855 235 or sales@4cabling.com.au