



# Patch Cords 50/125 OM3

## Datasheet

### Key Features:

SC, LC, ST and FC connectors

Low smoke zero halogen (LSZH) cable in aqua colour or purple

900µm tight buffer / Simplex and duplex assemblies with clips (SC and LC)

OM3 fibre conforms to ITU-T G.651.1, TIA/EIA 492AAAB, IEC60793-2-10

Different connector performance range for specific application / armoured option available

### Application:

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 centres

Premises cabling in data networks including backbone, riser and horizontal

Supports video, data and voice services

#### Mikrolink UK—Sales:

3 Blake House  
Admirals Way  
Canary Wharf  
London  
E14 9UJ

Tel: +44 203 793 4795

Email: [info@mikrolink.co.uk](mailto:info@mikrolink.co.uk)

Web: [www.mikrolink.co.uk](http://www.mikrolink.co.uk)

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Multimode patch cords are used to connect high speed and legacy networks like Gigabit Ethernet, Fast Ethernet and Ethernet. Our multimode patch cords are manufactured using LSZH cables which conform to IEC, EIA TIA and Telecordia standards.

The OM3 patch cords are terminated with our standard connector which gives optimum optical performance.

## Connector Specification

Optical Performance	Multimode	Conformance
IL Max/Master (Acceptance)	0.25 dB	IEC 61300-3-4
Ave/Master*	0.15 dB	IEC 61300-3-4
Ave/Random*	0.20 dB	IEC 61300-3-34

## 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

## 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	