

## OM3 Simplex/Duplex Patch Cord

Multimode Patch cords are used to connect high speed and legacy networks like 10 Gigabit Ethernet, Fast Ethernet and Ethernet. The Multimode patch cords are manufactured using LSZH cables which conform to IEC, EIA TIA and Telcordia standards. The OM3 patch cords are terminated with standard connector which gives optimum optical performance.



### Features

- SC, LC, ST and FC connectors
- Low smoke zero halogen (LSZH) cable in aqua or purple colour
- 900µm tight buffer
- OM3 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)
- Different connector performance range for specific application
- Armoured option also available

### Applications

- For use in 10Gb/s high speed LAN networks over a 300m indicative link length at 850nm (SX) wavelength using a laser launch
- For use in 1Gb/s high speed LAN networks over a 1000m indicative link length at 850nm (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

### 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

### Ordering Information

Connector End A		Connector End B		Mode	Cable Configuration		Cable Colour		Cable Length	
FC	FC	FC	FC	OM3	S	Simplex	AQ	Aqua	1	1 metre
FCA	FCA	FCA	FCA	OM3	D	Duplex	PU	Purple	2	2 meter
SC	SC	SC	SC		FD	Flat Duplex			3	3 meter
SCA	SCA	SCA	SCA						5	5 meter
ST	ST	ST	ST						10	10 meter
LC	LC	LC	LC						xx	Specify
LCA	LCA	LCA	LCA							
MU	MU	MU	MU							
MTRJ	MTRJ*	MTRJ	MTRJ*							
E2	E2000	E2	E2000							

\* MTRJ is only available in MiniZip duplex

### Example Part Number

FC	SC	OM3	S	PU	3
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This part number has created a 3 metre simplex FC to SC OM3 patch cord in purple.