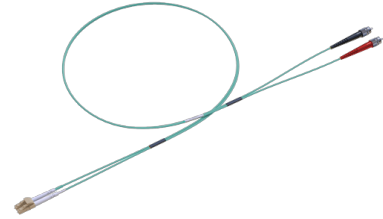## OM3 Simplex/Duplex Patch Cord

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** OM3	**S**	Simplex		**AQ**	Aqua	**1**	1 metre
FCA	FCA	**FCA**	FCA		**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

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

Please contact our sales team on +44 0870 127 330 for further ordering information.

Further Information

- Visit the website for more images of this product.
- Downloaded from http://www.fibrefab.com/products/patch-cords/om3-simplexduplex-patch-cord/
- Information correct as of August 20, 2013

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