



Multimode patch cords are used to connect high speed and legacy networks like 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 OM1 patch cords are terminated with standard connectors which give optimum optical performance.

## Features

- SC, LC, ST, FC and MTRJ connectors
- Low smoke zero halogen (LSZH) cable in orange colour
- 900µm / 600 µm tight buffer
- OM1 fibre conforms to TIA/EIA 492AAAA, 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

- Gigabit Ethernet in high speed LAN networks over an indicative 275m link length at 850 nm (SX) wavelength
- Legacy networks including Ethernet, Fast Ethernet and FDDI
- 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	3.0 @ 850nm / 0.8 @ 1300nm
Bandwidth OFL (MHz x km)	200 @ 850nm / 500 @ 1300nm

## Ordering Information

Connector End A		Connector End B		Mode	Cable Configuration	Cable Colour	Cable Length
FC	FC	FC	FC	62 OM1	S Simplex	OR Orange	1 1 metre
FCA	FCA	FCA	FCA		D Duplex		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

62

S

OR

3

This part number has created a 3 metre simplex FC to SC OM1 patch cord in orange.



## Further Information

- For additional information please contact your sales representative
- Downloaded from <http://www.fibrefab.com/products/patch-cords/om1-simplexduplex-patch-cord/>
- FibreFab reserves the right to make changes to the product specifications in this datasheet at any time without notice
- Information in this document is correct as of June 11, 2014

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