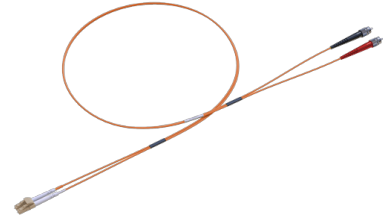


## OM2 Simplex/Duplex Patch Cord

Multimode Patch cords are used to connect high speed and legacy networks like Gigabit Ethernet, Fast Ethernet and Ethernet. Multimode Patch cords conform to IEC, EIA TIA and Telcordia standards. OM2 patch cords are terminated with standard connectors giving optimum optical performance.



### Features

- SC, LC, ST, FC and MTRJ connectors
- LSZH cable or PVC
- 900µm tight buffer
- OM2 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)
- Armoured option also available

### Applications

- For use in 1 Gb/s high speed LAN networks over a 550 m indicative link length at 850 nm 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

\*MTRJ - 0.4 dB

#### 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 @ 1300nm
Bandwidth OFL (MHz x km)	500 @ 850nm / 500 @ 1300nm

### Ordering Information

Connector End A		Connector End B		Mode	Cable Configuration	Cable Colour	Cable Length
FC	FC	FC	FC	50 OM2	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
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This part number has created a 3 metre simplex FC to SC OM2 patch cord in orange.

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/om2-simplexduplex-patch-cord/>
- Information correct as of August 20, 2013