



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 or 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 A1b
- Simplex and duplex assemblies
- Duplex assemblies available with clips (SC and LC)
- Different connector performance range for specific application available
- 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

Note: Return Loss >28dB based on sample data using method IEC 61300-3-6

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
LC	LC	LC	LC			D	Duplex			2	2 meter
MTRJ	MTRJ	MTRJ	MTRJ			FD	Flat Duplex			3	3 meter
SC	SC	SC	SC							5	5 meter

ST	ST	ST	ST
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10	10 meter
xx	Specify

* MTRJ is only available in MiniZip duplex

Example Part Number

LC	SC	62	D	OR	3
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This part number has created a 3 metre duplex LC to SC OM1 LSZH patch cord in orange.

SCAN QR FOR PRODUCT PAGE



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 February 10, 2015

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