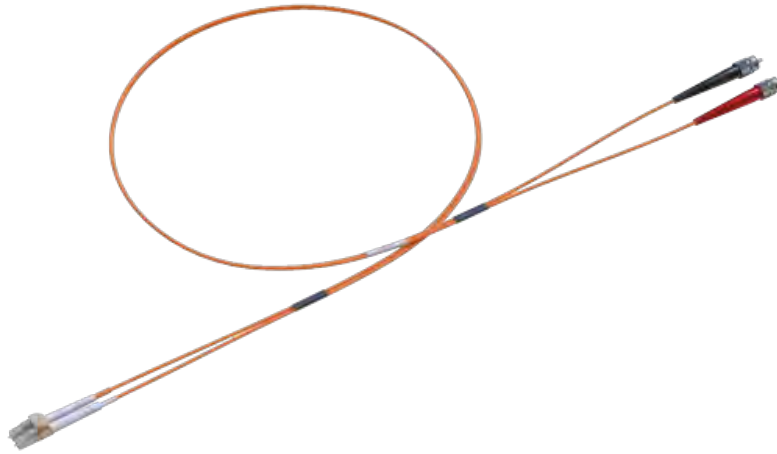




OM1 Simplex/Duplex Patch Cord



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

Please contact our sales team on +44 (0) 1908 441 121 for further ordering information.

CONTACT OUR SALES TEAM TODAY

Europe: +44 1908 441 100 | sales@optronicsnet.com
Americas: +1 410 242 9026 | sales@optronicsnet.com
Asia Pacific: +86 755 2531 3694 | apac@optronicsnet.com
Middle East & Africa: +971 4 443 1028 | mea@optronicsnet.com
Web: www.optronicsnet.com

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