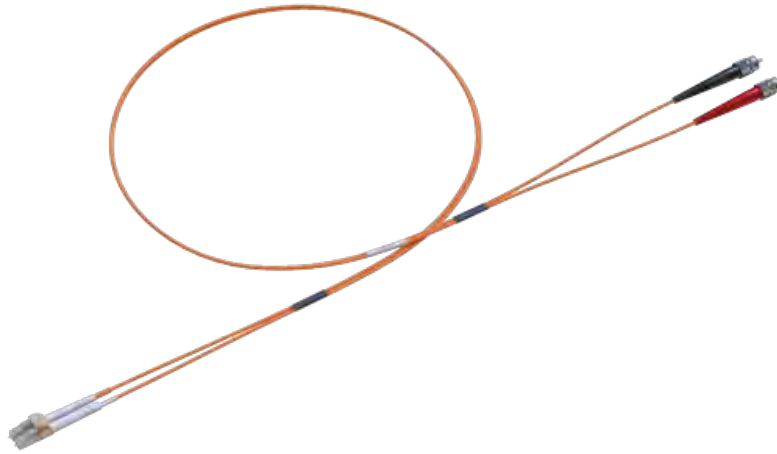




### OM2 Simplex/Duplex Patch Cord



Multimode patch cords are used to connect high speed and legacy networks like gigabit ethernet, fast ethernet and ethernet. Multimode patch cords are manufactured using LSZH cable and conform to IEC, EIA TIA or Telcordia standards. OM2 patch cords are terminated with standard connectors giving optimum optical performance.

#### FEATURES

- FC, LC, MTRJ, SC and ST connectors
- Low smoke zero halogen (LSZH) cable in orange colour
- 900  $\mu\text{m}$  / 600  $\mu\text{m}$  tight buffer
- OM2 fibre conforms to ITU-T G.651.1, TIA/EIA 492AAAB, IEC60793-2-10 A1a.1a
- Simplex and duplex assembly options
- SC and LC duplex assemblies available with clips
- Higher optical performance available on request
- 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

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

##### CABLE SPECIFICATION

##### CHARACTERISTICS

Cable Material	LSZH
Strength Member	Aramid
Crush (N)	1000
Operating Temperature ( $^{\circ}\text{C}$ )	-20 to 60
Fire Specification	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	/Z
<b>FC</b>	FC	<b>FC</b>	FC	<b>50</b> OM2	<b>S</b> Simplex	<b>OR</b> Orange	<b>1</b> 1 metre	
					<b>D</b> Duplex		<b>2</b> 2 meter	
<b>SC</b>	SC	<b>SC</b>	SC		<b>FD</b> Flat Duplex		<b>3</b> 3 meter	
							<b>5</b> 5 meter	
<b>ST</b>	ST	<b>ST</b>	ST				<b>10</b> 10 meter	
<b>LC</b>	LC	<b>LC</b>	LC				<b>xx</b> <i>Specify</i>	
<b>MU</b>	MU	<b>MU</b>	MU					
<b>MTRJ</b>	MTRJ*	<b>MTRJ</b>	MTRJ*					
<b>E2</b>	E2000	<b>E2</b>	E2000					

\* MTRJ is only available in MiniZip duplex

**EXAMPLE PART NUMBER**

<b>FC</b>	<b>SC</b>	<b>62</b>	<b>S</b>	<b>OR</b>	<b>3</b>	<b>/Z</b>
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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 (0) 1908 441 121 for further ordering information.

**CONTACT OUR SALES TEAM TODAY**

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