



Multimode patch cords are used to connect high speed and legacy networks like 10 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 OM3 patch cords are terminated with standard connector which gives optimum optical performance.

## Features

- SC, LC, ST and FC connectors
- Low smoke zero halogen (LSZH) cable in aqua or purple colour
- 900µm tight buffer
- OM3 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)
- Different connector performance range for specific application
- Armoured option also available

## Applications

- For use in 10Gb/s high speed LAN networks over a 300m indicative link length at 850nm (SX) wavelength using a laser launch
- For use in 1Gb/s high speed LAN networks over a 1000m indicative link length at 850nm (SX) 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
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	2.8 @ 850nm / 0.8 @ 1310nm
Bandwidth OFL (MHz x km)	1500 @ 850nm / 500 @ 1310nm
Bandwidth LEMB (MHz X km)	2000 @ 850nm

## Ordering Information

Connector End A		Connector End B		Mode		Cable Configuration		Cable Colour		Cable Length	
<b>FC</b>	FC	<b>FC</b>	FC	<b>OM3</b>	<b>OM3</b>	<b>S</b>	Simplex	<b>AQ</b>	Aqua	<b>1</b>	1 metre
<b>FCA</b>	FCA	<b>FCA</b>	FCA			<b>D</b>	Duplex		<b>PU</b>	Purple	<b>2</b>
<b>SC</b>	SC	<b>SC</b>	SC			<b>FD</b>	Flat Duplex				<b>3</b>
<b>SCA</b>	SCA	<b>SCA</b>	SCA							<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>	Specify
<b>LCA</b>	LCA	<b>LCA</b>	LCA								
<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

**FC****SC****OM3****S****PU****3**

This part number has created a 3 metre simplex FC to SC OM3 patch cord in purple.



### Further Information

- For additional information please contact your sales representative
- Downloaded from <http://www.fibrefab.com/products/patch-cords/om3-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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