



OM3 multimode pigtails are used to connect high speed networks like gigabit ethernet, fast ethernet and ethernet. The multimode pigtail buffer conforms to IEC, EIA TIA or Telcordia standards. The multimode pigtails are terminated with standard connector which gives optimum optical performance.

## Features

- SC, LC, ST, FC connectors
- Low smoke zero halogen (LSZH) buffer
- 900µm tight buffer or easy strip
- OM3 Pigtail is available in standard purple or aqua colour
- Multimode Fibre conforms to ITU-G651, TIA/EIA 492AAAA
- Different connector performance range for specific application
- Available in standard 12 colours as per IEC 60304
- Available in standard and blister packing
- REACH, RoHS & SvHC materials compliant

## Applications

- Networks including Ethernet, Fast Ethernet and GBE
- Internal inter-connect
- Ideal for a wide range of telecom, datacom and process control applications where ruggedisation is required
- Suitable for repeated handling in patch panels and racks

## 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	UNITS	SIMPLEX
Crush	N/100mm	500
Operating Temperature	°C	-20 to 60
Nominal buffer Diameter	µm	900 +/- 50
Max Tensile Load	N	6

### Fibre Specification

#### CHARACTERISTICS

Attenuation (dB / km)	2.8 @ 850nm / 0.8 @ 1300nm
Bandwidth OFL (MHz x km)	1500 @ 850nm / 500 @ 1300nm
Bandwidth EMBc (MHz x km)	2000 @ 850nm

## Ordering Information

Connector End		Fibre Type		B	Cable Length		Cable Construction	
SC	SC	OM3	OM3		1	1 metre		Tight Buffer
LC	LC			2	2 metre	-12/1B	Tight Buffer - Pack of 12 colours	
FC	FC			3	3 metre	BP12-TB	Tight Buffer - Blister pack of 12	
ST	ST			5	5 metre	EASY	Easy strip	
				10	10 metre	E-12/1B	Easy strip - Pack of 12 colours	

## Example Part Number

SC

OM3

B

5

-12/1B

This part number has created a 5 metre SC OM3 pack of 12 pigtails in different colours.

SCAN QR FOR PRODUCT PAGE



## Further Information

- For additional information please contact your sales representative
- Downloaded from <http://www.fibrefab.com/products/pigtails/om3-multimode-pigtail-2/>
- 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 November 6, 2015

### Europe

- +44 (0) 1908 441 144
- sales@fibrefab.com

### Americas

- +1 800 790 9932
- sales@fiberfabinc.com

### Middle East & Africa

- +971 4 404 9606
- mea@optronicsnet.com

### Asia Pacific

- +86 755 2561 3694
- asia@fibrefab.com

© FibreFab 2016