



## OM1 Multimode Pigtail

OM1 multimode pigtails are used for the termination of optical cables via fusion or mechanical splicing. They consist of a high quality 900µm LSZH cable terminated with an optimized connector for low insertion loss and low back reflection. They fully conform to IEC, TIA/EIA and Telcordia standards.

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## Features

- Available with SC, LC, ST or FC connectors
- Available with 900µm tight buffer or easy strip white coloured cable
- Low smoke zero halogen (LSZH) buffer
- Multimode Fibre compliant with TIA/EIA 492AAAA
- REACH, RoHS and SvHC compliant
- Available in standard 12 colors as per IEC 60304 and in standard and blister packing

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## Applications

- Termination of optical networks via fusion or mechanical splicing
- Data centers, Premises and Telecommunication applications
- Patch panels, wall boxes, ODFs and splice cassettes

## Specifications

### Connector Specification

OPTICAL PERFORMANCE	MULTIMODE	CONFORMANCE
IL Max/Master (Acceptance)	0.25dB	IEC61300-3-4
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
Stripping Length – Easy Strip	m	1.5 minimum
Stripping Length – Tight Buffer	mm	30 nominal
Nominal Buffer Diameter	µm	900 +/- 50
Max Tensile Load	N	6

### Fiber Specification

CHARACTERISTICS	
Attenuation (dB/km)	3.0 @ 850nm / 0.8 @ 1300nm
Bandwidth OFL (MHz x km)	200 @ 850nm / 500 @ 1300nm

## Ordering Information

	Connector		Fibre Type		Cable Length		Cable Construction	
	Code	Connector	Count	Type	Code	Length	Code	Description
OPT	00	LC	1	OM1	01	1m	E	Easy Strip
	02	SC			01.5	1.5m	/12	Tight Buffer Pack of 12
	04	ST			02	2m	E/12	Easy Strip Pack of 12
	05	FC			...	...	MC/12	Tight Buffer 12 Colours Pack
					xx	Specify	EMC/12	Easy Strip 12 Colours Pack
							BMC/12	Tight Buffer 12 Colours Blister Pack
							EBMC/12	Easy Strip 12 Colours Blister Pack

## Example order code

OPT - 00 - 1 - 01

Pigtail LC/UPC Multimode OM1 1m

OPT - 02 - 1 - 02 - E

Pigtail SC/UPC Multimode OM1 Easy Strip 2m

OPT - 05 - 1 - 01 - EMC/12

Pigtail FC/UPC Multimode OM1 Easy Strip 1m 12 Colours Pack