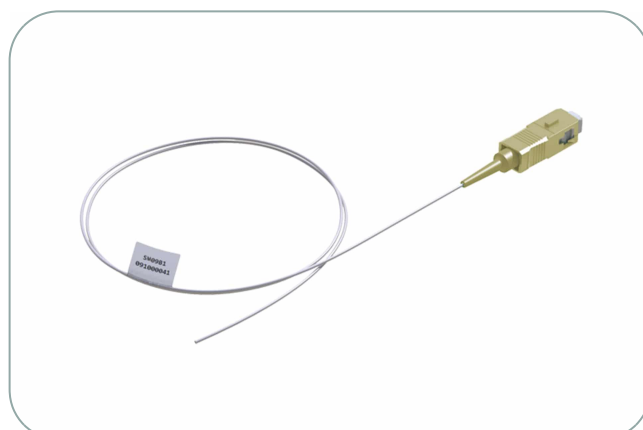


# OM1 Multimode Enhanced Pigtail

OM1 multimode enhanced 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 optimized connector which gives optimum optical performance.



## Features

- SC, LC, ST, FC Connectors
- Low smoke zero halogen (LSZH) buffer
- 900 µm tight buffer or easy strip
- OM1 Pigtail is available in standard white color
- Multimode fiber conforms to TIA/EIA 492AAAA
- Different connector performance range for specific application
- Available in standard 12 colors as per IEC 60304
- Available in standard and blister packing
- REACH, RoHS & SvHC materials compliant

## Applications

- Networks including Ethernet, Fast Ethernet and Giga Bit Ethernet
- 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

## Specifications

### Connector Specification

OPTICAL PERFORMANCE	MULTIMODE	CONFORMANCE
IL Max/Master (Acceptance)	0.25 dB	IEC 61300-3-4
Ave/Master	0.15 dB	IEC 61300-3-4
Ave/Random	0.20 dB	IEC 61300-3-34

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

### Cable Specification

CHARACTERISTICS	UNITS	SIMPLEX
Crush	N/100 mm	500
Operating Temperature	°C	-20 to 60

CHARACTERISTICS	UNITS	SIMPLEX
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 @ 850 nm / 0.8 @ 1300 nm
Bandwidth OFL (MHz x km)	200 @ 850 nm / 500 @ 1300 nm

### Ordering Information

Code	Cable Type	Fiber Count	Code	Color	Grade	Connector	Code	Unit	Length	
P1	AA Easy Strip	1 Single Pigtail	L	2 ORANGE	E	AX LC	-0000-	Single Pigtail	M Meters	1 1
	AC Tight Buffered	B Pack of 12		6 WHITE		DX SC	-0002-	12 in one Bag		2 2
				H 12 Colours		HX FC	-0004-	12 in Blister Pack		XX Specify
						KX ST				

### Legacy Ordering Information

Connector End	Fiber Type	Cable Length	Cable Construction
SC SC	62 OM1	B 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
		xx Specify	BP12 Easy strip - Blister pack of 12

### Example Part Number

SC	62	B	5	-12/1B
----	----	---	---	--------

This part number has created a 5 metre SC OM1 pack of 12 pigtailed in different colours.