

## OM1 Multimode Enhanced Pigtail



### Description

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 and Benefits

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



## Applications

- Networks including Ethernet, Fast Ethernet and Giga Bit Ethernet
- Ideal for a wide range of telecom, datacom and process control applications where ruggedisation is required
- Internal inter-connect
- 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
Stripping Length - Easy Strip	m	1.5 minimum
Stripping Length - Tight buffer	mm	30 nominal
Nominal buffer Diameter	$\mu$ m	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
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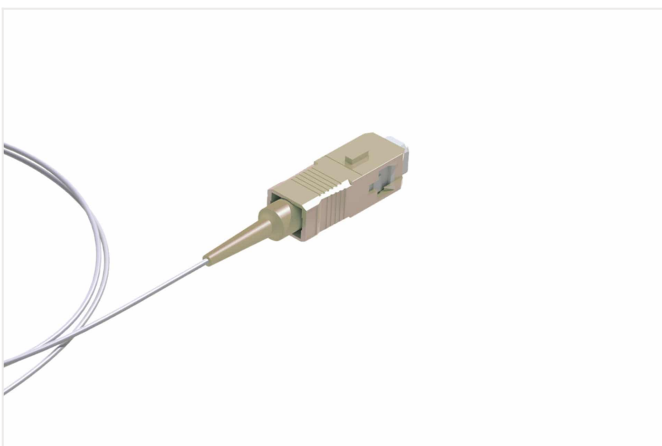
SC	SC	62	OM1	B	1	1 metre		Tight Buffer
LC	LC				2	2 metre	-12/1B	Tight Buffer - Pack of 12 colours
FC	FC				3	3 metre	BP12-TB	Tight Buffer - Blister pack of 12
ST	ST				5	5 metre	EASY	Easy strip
					10	10 metre	E-12/1B	Easy strip - Pack of 12 colours
					xx	<i>Specify</i>	BP12	Easy strip - Blister pack of 12

### Example Part Number

SC	62	B	5	-12/1B
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This part number has created a 5 metre SC OM1 pack of 12 pigtails in different colours.

### Additional Images

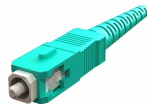




### Related Products



LC Connectors



SC Connector



ST Connectors



FC Connectors



FCP2 Fiber Cleaning Kit for SC/ST/FC/LC



One-Click® Cleaner SC/ST/FC



One-Click® Cleaner D-LC, Duplex LC



FOCIS Flex Fiber Scope

