

# OM4 Multimode Enhanced Pigtail

OM4 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
- 900µm tight buffer or easy strip
- OM4 Pigtail is available in standard aqua color
- Multimode Fiber conforms to ITU-T G.651.1, 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 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

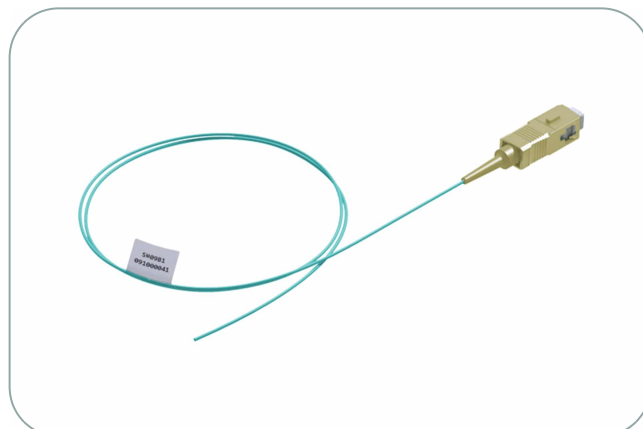
## Specifications

### 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	µm	900 +/- 50
Max Tensile Load	N	6

### Fiber Specification

CHARACTERISTICS	
Attenuation (dB / km)	2.8 @ 850 nm / 0.8 @ 1300 nm
Bandwidth OFL (MHz x km)	3500 @ 850 nm / 500 @ 1300 nm
Bandwidth EMBc (MHz x km)	4700 @ 850 nm

### Ordering Information

Code	Cable Type	Fiber Count	Code	Color	Grade	Connector	Code	Unit	Length	
P4	AA Easy Strip	1 Single Pigtail	L	6 WHITE	E	AX LC	-0000-	Single Pigtail	M Meters	1 1
	AC Tight Buffered	B Pack of 12		C AQUA		DX SC	-0002-	12 in one Bag		2 2
				H 12 Colours		HX FC	-0004-	12 in Blister Pack		
						KX ST				

### Legacy Ordering Information

Connector End	Fiber Type	Cable Length	Cable Construction
SC	OM4	1 1 metre	Tight Buffer
LC		2 2 metre	-12/1B Tight Buffer - Pack of 12 colours
FC		3 3 metre	BP12-TB Tight Buffer - Blister pack of 12
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	OM4	B	5	-12/1B
----	-----	---	---	--------

This part number has created a 5 metre SC OM4 pack of 12 pigtails in different colours.