

OM2 Multimode Enhanced Pigtail



Description

OM2 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 ITU-G651.1, TIA/EIA 492AAAB
- Available in standard 12 colors as per IEC 60304
- REACH, RoHS & SvHC materials compliant
- Low smoke zero halogen (LSZH) buffer
- OM2 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 GBE
- Ideal for a wide range of telecom, datacom and process
- Internal inter-connect
- Suitable for repeated handling in patch panels and racks

control applications where ruggedisation is required

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 ≥ 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 @1310 nm
Bandwidth OFL (MHz x km)	500 @ 850 nm / 500 @1310 nm

Ordering Information

Code	Cable Type	Fiber Count	Code	Color	Grade	Connector	Code	Unit	Length	
P2	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	50 OM2 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

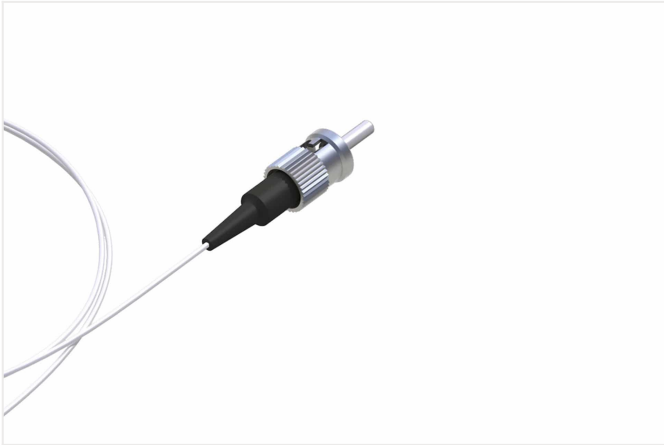
Example Part Number

SC		50		B		5		-12/1B
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This part number has created a 5 metre SC OM2 pack of 12 pigtails in different colours.

Additional Images





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