OM3 Multimode Enhanced Pigtail

Description

OM3 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-T G.651.1, TIA/EIA 492AAAC
- Available in standard 12 colors as per IEC 60304
- REACH, RoHS & SvHC materials compliant
- Low smoke zero halogen (LSZH) buffer
- OM3 Pigtail is available in standard purple or aqua color
- Different connector performance range for specific application available
- 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

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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 >28dB 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)	1500 @ 850 nm / 500 @ 1300 nm
Bandwidth EMBc (MHz x km)	2000 @ 850 nm

Ordering Information

Code	Cable Type		Fiber Count		Code	Color		Grade	Connector		Code		Unit		Length	
P3	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		A	PURPLE		DX	SC	-0002-	12 in one Bag			2	2
						C	AQUA		HX	FC	-0004-	12 in Blister Pack				
						H	12 Colours		KX	ST						

Legacy Ordering Information

Connector End		Fiber Type			Cable Length		Cable Construction	
SC	SC	OM3	OM3	B	1	1 metre		Tight Buffer
LC	LC				2	2 metre	-12/1B	Tight Buffer - Pack of 12 colours

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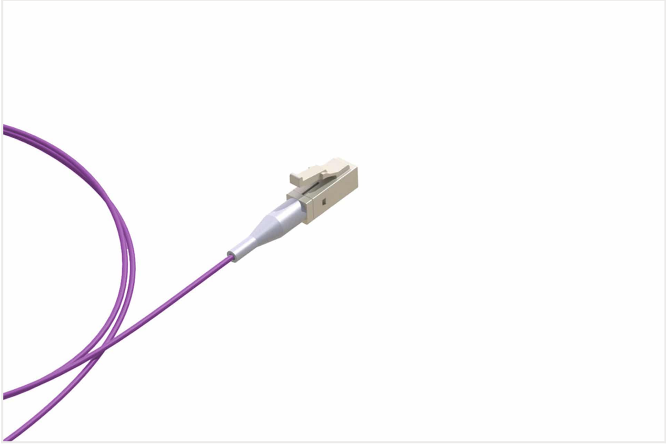
FC	FC				3	3 metre		BP12-TB	Tight Buffer - Blister pack of 12
ST	ST				5	5 metre		EASY	Easy strip
					10	10 metre		E-12/1B	Easy strip - Pack of 12 colours
					xx	*Specify*		BP12	Easy strip - Blister pack of 12

Example Part Number

SC	OM3	B	5	-12/1B

This part number has created a 5 metre SC OM3 pack of 12 pigtails in different colours.

Additional Images



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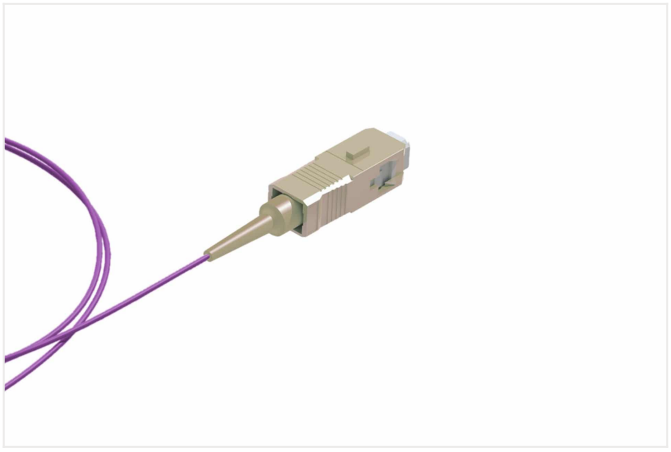

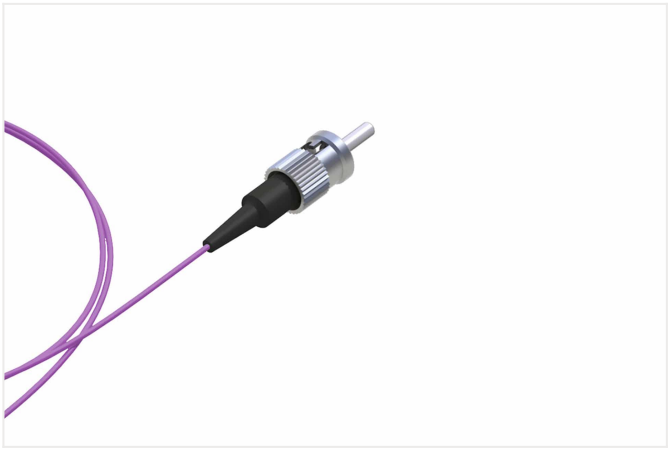

Related Products

LC Connectors

SC Connector

ST Connectors

FC Connectors

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

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

One-Click® Cleaner D-LC, Duplex LC

FOCIS Flex Fiber Scope

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