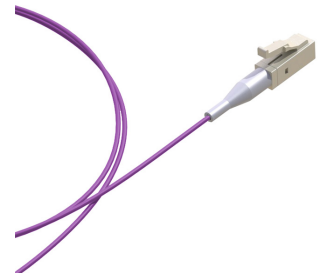
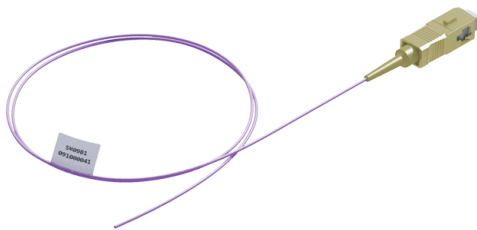


OM3 Multimode Enhanced Pigtail



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/BENEFITS

- SC, LC, ST, FC connectors
- Low smoke zero halogen (LSZH) buffer
- 900 μ m tight buffer or easy strip
- OM3 Pigtail is available in standard purple or aqua color
- Multimode Fiber conforms to ITU-T G.651.1, TIA/EIA 492AAAC
- Different connector performance range for specific application available
- 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 >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		B	Cable Length		Cable Construction	
SC	SC	OM3	OM3		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	OM3	B	5	-12/1B
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This part number has created a 5 metre SC OM3 pack of 12 pigtails in different colours.



SCAN QR FOR PRODUCT PAGE

FURTHER INFORMATION

- For additional information please contact your sales representative
- To view the product 360 visit the product page (Scan the QR code or visit the link below)
- Downloaded from <https://www.aflhyperscale.com/product/om3-multimode-enhanced-pigtail>
- AFL Hyperscale reserves the right to make changes in this datasheet at any time without notice
- Information in this document is correct as of August 05, 2019

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