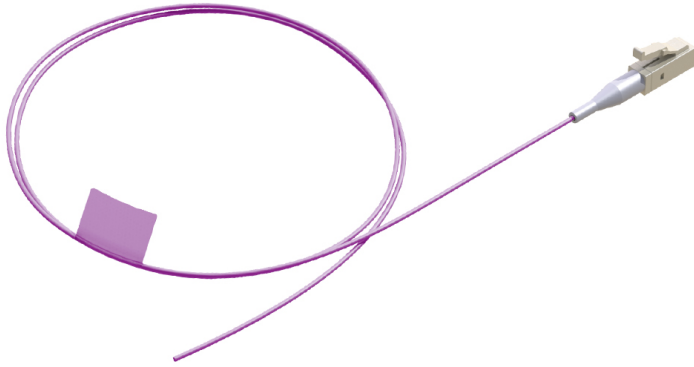


Product updated on December 14, 2017

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 optimised connector which gives optimum optical performance.

FEATURES/BENEFITS

- SC, LC, ST, FC connectors
- Low smoke zero halogen (LSZH) buffer
- 900 µm tight buffer or easy strip
- OM3 Pigtail is available in standard purple or aqua colour
- Multimode Fibre conforms to ITU-T G.651.1, TIA/EIA 492AAAC
- Different connector performance range for specific application available
- Available in standard 12 colours 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

Fibre 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

OPT	Connector End A	Fibre Type	Cable Diameter	Cable Construction	Jack Type	Pack	Cable Length	Connector Grade
L	LC	M3OM3	9U 900 um	TTight Buffer	L LSZH	PSingle Pack	1 1 metre	Blank Standard
S	SC	R3OM3 RBS	6U 600 um	EEasy Strip	V PVC	S6 Pack	5 5 metre	P Premium
F	FC		2U 250 um	SSemi Tight Buffer		T12 Pack	10 10 metre	
T	ST							<i>xx Specify</i>
E	E2000							

* Other lengths available

Example Part Number

OPT	L	M3	9U	T	L	S	5	-
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