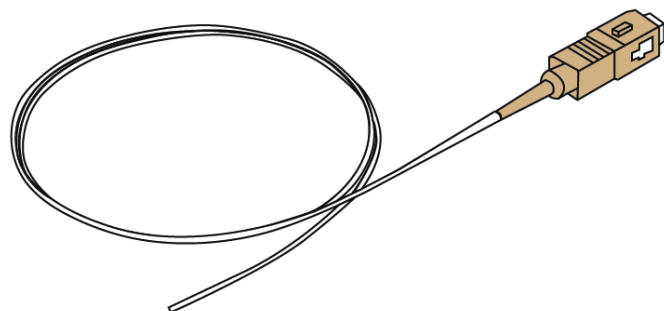


Product updated on December 14, 2017

OM1 Multimode Enhanced Pigtail



Item Description

OM1 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
- OM1 Pigtail is available in standard white colour
- Multimode fibre conforms to TIA/EIA 492AAAA
- Different connector performance range for specific application
- 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 Giga Bit Ethernet
- 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	μ m	900 +/- 50
Max Tensile Load	N	6

Fibre Specification

CHARACTERISTICS	
Attenuation (dB / km)	3.0 @ 850 nm / 0.8 @ 1300 nm
Bandwidth OFL (MHz x km)	200 @ 850 nm / 500 @ 1300 nm

