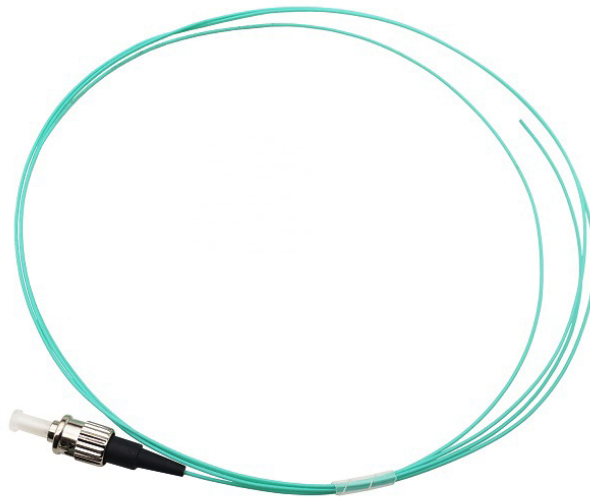


OM3 Multimode Enhanced Pigtail



Item 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 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

| Connector End | Fibre 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 |
| 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 X metre SC OM3 pack of 12 pigtails in different colours.

