

OM4 Multimode Enhanced Pigtail

OM4 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

- SC, LC, ST, FC connectors
- Low smoke zero halogen (LSZH) buffer
- 900µm tight buffer or easy strip
- OM4 Pigtail is available in standard aqua color
- Multimode Fiber conforms to ITU-T G.651.1, TIA/EIA 492AAAA
- Different connector performance range for specific application
- 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

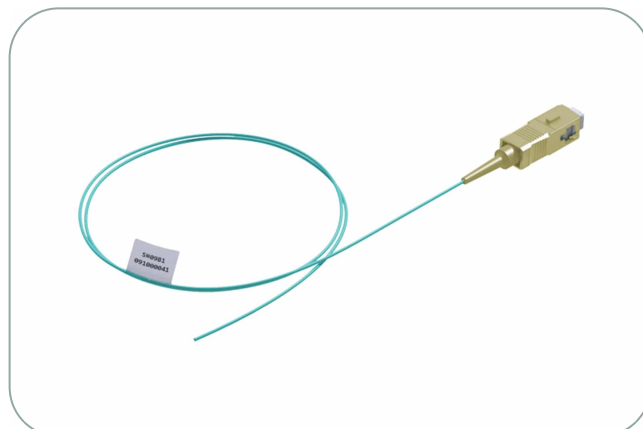
Specifications

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 ≥ 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 | 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) | 3500 @ 850 nm / 500 @ 1300 nm |
| Bandwidth EMBc (MHz x km) | 4700 @ 850 nm |

Ordering Information

| Code | Cable Type | Fiber Count | Code | Color | Grade | Connector | Code | Unit | Length | |
|------|-------------------|------------------|------|--------------|-------|-----------|--------|--------------------|----------|-----|
| P4 | 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 | | C AQUA | | DX SC | -0002- | 12 in one Bag | | 2 2 |
| | | | | H 12 Colours | | HX FC | -0004- | 12 in Blister Pack | | |
| | | | | | | KX ST | | | | |

Legacy Ordering Information

| Connector End | Fiber Type | Cable Length | Cable Construction |
|---------------|------------|--------------|---|
| SC | OM4 | 1 1 metre | Tight Buffer |
| LC | | 2 2 metre | -12/1B Tight Buffer - Pack of 12 colours |
| FC | | 3 3 metre | BP12-TB Tight Buffer - Blister pack of 12 |
| 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 | OM4 | B | 5 | -12/1B |
|----|-----|---|---|--------|

This part number has created a 5 metre SC OM4 pack of 12 pigtails in different colours.