

50/125 (OM2) Optical Fibre Pigtails

V.3.0

Description

FibreFab multimode pigtails are used to connect high speed networks like Gigabit Ethernet, Fast Ethernet and Ethernet. The multimode pigtail buffer conforms to IEC, EIA TIA and Telecordia standards. The multimode pigtails are terminated with standard FibreFab connector which gives optimum optical performance.

Features / Benefits

- ▶ SC, LC, ST, FC connectors
- ▶ Low smoke zero halogen (LSZH) buffer
- ▶ 900µm tight buffer or easy strip
- ▶ OM2 pigtail is available in standard white colour
- ▶ Multimode fibre conforms to ITU-G651, 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

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



Connector Specification

| OPTICAL PERFORMANCE | MULTIMODE | CONFORMANCE |
|----------------------|-----------|----------------|
| Insertion loss (Typ) | 0.30 dB | IEC 61300-3-4 |
| Ave/Master* | 0.15 dB | IEC 61300-3-4 |
| Ave/Random* | 0.20 dB | IEC 61300-3-34 |

Buffer Specification

| CHARACTERISTICS | UNITS | SIMPLEX |
|-------------------------|---------|-----------|
| Crush | N/100mm | 500 |
| Operating Temperature | °C | -20 to 60 |
| Nominal buffer Diameter | µm | 900+50 |
| Max Tensile Load | N | 6 |

Fibre Specification

| CHARACTERISTICS | | |
|--------------------------|--|--|
| Attenuation (dB) | | Please refer to Fibre Comparison Chart |
| Bandwidth OFL (MHz x km) | | |
| Numerical Aperture (NA) | | |

Part Number Generator

