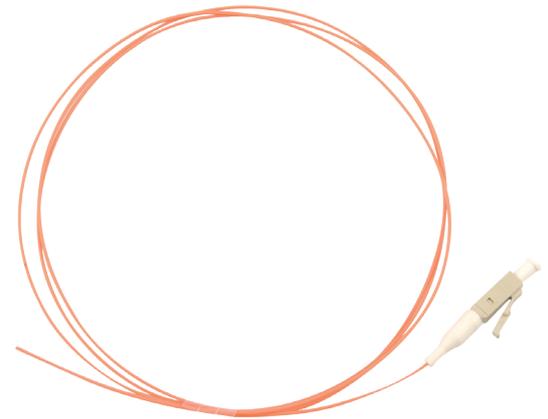


50/125(OM2) PIGTAILS

Singlemode Pigtaills are used in telcom, datacom networks and also used for high speed metropolitan and access network. Our singlemode pigtail buffer conforms to IEC, EIA, TIA and Telecordia standards. They are terminated with our standart connector high gives optimum optical performance.



| | | | |
|-----------------|-----------------|-------------------|-------------------|
| 9/125 (OS1-OS2) | OS 1/2 9/125 | OS 1/2 G.657A1 | OS 1/2 G.657A2 |
|-----------------|-----------------|-------------------|-------------------|

Features

- SC, LC, ST, FC, MU and E2000 connectors
- UPC and APC interface
- LSZH or PVC cable
- 900µm tight buffer or easy strip
- ITU-T G.652.D, TIA/EIA 492CAAB
- Bend intensitive ITU G.657.A1 or ITU G.657.A2
- Different connector performance range for specific application
- Available in standard yellow colour buffer and also in standard 12 colours as per IEC 60304

Applications

- Telcom and datacom application
- Patch panels, wall boxes, ODFs and splice cassettes
- Easy strip pigtaills for on site installation
- Supports high speed multi channel video, data and voice services in metropolitan and access networks
- ATM, SONET and WDM

Connector Specification

| Optical Performance | Singlemode | Conformance |
|----------------------------|------------|----------------|
| IL Max/Master (Acceptance) | 0.25 dB | IEC 61300-3-4 |
| Ave/Master | 0.18 dB | IEC 61300-3-4 |
| Ave/Random | 0.18 dB | IEC 61300-3-34 |
| Return Loss | 50/60 dB | IEC 61300-3-6 |

Fibre Specification

| Characteristics | |
|---------------------------------------|-------------------------------|
| Attenuation (dB) / km | 0.38 @ 1310nm / 0.25 @ 1550nm |
| Bandwidth OFL (MHz x km) | 3.0 @ 1310nm / 18.0 @ 1550nm |
| Polarization Mode Dispersion (ps/√km) | ≤ 0.2 |

Cable Specification

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