

LIGHTspeed PIGTAIL SM ST/PC Unjacketed 1m

LIGHTspeed Optic Fibre Tails are manufactured to give optimum optical performance and are used for high speed metropolitan and access networks i.e. Gigabit Ethernet, Fast Ethernet. These tails conform to IEC, EIA, TIA and Telecordia standards, terminated with premium quality connectors for optimal performance.

Features

- Wide range of connector types available
- Can be installed in tight spaces
- No additional protection needed inside a panel
- 900 μ m Tight buffer

Application

- Community Antenna TV (CATV / Video)
- Passive Optical Network (PON)
- Wavelength-division multiplexing (WDM)
- Fiber to the home (FTTH)
- Server Room & Data Centre



Environmental and Operating conditions

| Description | Value |
|------------------------------|----------------|
| Application | Indoor |
| Temperature | -10°C to 60 °C |
| Relative Humidity | 10% to 90% |
| Minimum cable bending radius | 15mm |

Cable Construction

| Description | Value |
|--------------------------|---------------------------------------|
| Fibre Types | SMF: G657A 9/125 |
| Outer Sheath | LSZH |
| Kevlar | Uniformly Distributed |
| Tight Buffer | 900 μ m |
| Simplex OD | 0.9mm |
| Attenuation | ≤ 0.50 dB/km @ 1310nm \pm 20nm |
| Attenuation | ≤ 0.30 dB/km @ 1550nm \pm 20nm |
| Sheath Color | Yellow |
| Storage Temperature | -20°C to 70 °C |
| Installation Temperature | 0°C to 50 °C |
| Operational Temperature | -20°C to 70 °C |

Connector Specification

| Description | Value |
|--------------------------------------|-------------------|
| Ferrule end Face Curvature Radius | 5mm to 25mm |
| Ferrule end Face Offset | ≤ 70 μ m |
| Ferrule end Face Fibre Height | -100 to 100nm |
| Connector Type | ST/UPC |
| Insertion Loss @ $\lambda = 1310$ nm | ≤ 0.3 dB |
| Return Loss @ $\lambda = 1310$ nm | ≥ 50 dB |

Ordering Information

| Product Code | Description |
|----------------|---|
| MEGALSLUSSTU01 | LIGHTspeed PIGTAIL SM ST/PC Unjacketed 1m |

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