

OPTICAL FIBER PIGTAIL

TECHNICAL DATA SHEET

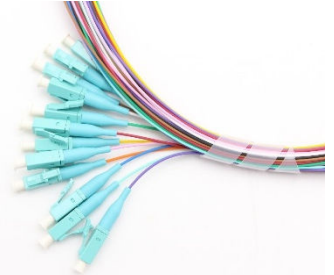
**Pigtail LC - MM-OM4 UPC X meter ITU-T G.651 - 12
Colored Fiber (Aqua Connectors)**



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Product Description

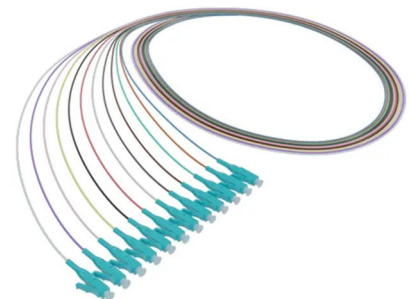
The LC Multimode Fiber Optic Pigtail OM4 is designed for high-speed data transmission in modern multimode networks. It features ITU-T G.651 fiber, a customizable length, and LC/UPC connectors available in aqua or violet for reliable, low-loss connectivity.



This pigtail supports high-bandwidth applications and is ideal for data centers, enterprise networks, and high-density installations. The 12 color-coded fibers allow for easy identification and efficient installation, while the plastic packing ensures protection during handling and transport.

Key Features

- LC/UPC connector (flat polish)
- Multimode fiber OM4 (50/125 μm)
- ITU-T G.651 compliant
- Variable lengths available to meet different installation requirements
- 12-color coded fibers for easy identification
- Aqua connectors for multimode identification
- Low insertion loss and high repeatability
- Factory-terminated and tested
- Supplied in protective plastic packing
- LSZH or PVC jacket options



Applications

- Data centers and cloud infrastructure
- Optical Distribution Frames (ODF)
- Fiber patch panels

Benefits

- Supports high-speed networks (10G / 40G / 100G Ethernet)
- Low insertion loss ensures stable signal performance
- Easy fiber management with color coding
- Quick and simple installation (pre-terminated)
- Reliable and consistent performance
- Reduced attenuation in multimode systems
- Ideal for high-density environments
- Cost-effective solution for scalable networks

Technical Specifications

Parameter	Specifications
Fiber Type	Multimode (G.651)
Core/Cladding	50/125 μm
Connector Type	LC/UPC
Insertion Loss	≤ 0.3 dB
Return Loss	≥ 35 dB
Wavelength	850 / 1300 nm
Bandwidth @ 850 nm	≥ 2000 MHz·km
Typical Application	10G–40G

Environmental Specifications

- Operating Temperature: -40°C to +75°C
- Storage Temperature: -40°C to +85°C
- Humidity: up to 95% RH
- Flame Rating: LSZH (Low Smoke Zero Halogen)
- Environmentally compliant materials