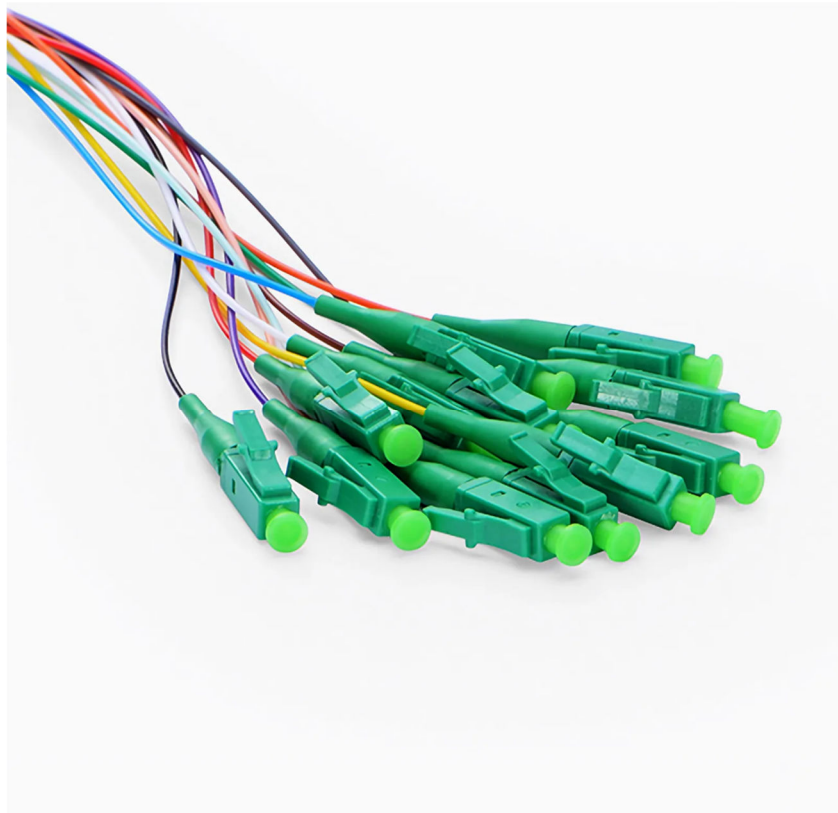


OPTICAL FIBER PIGTAIL

TECHNICAL DATA SHEET

**Pigtail LC - SM APC X meter ITU-T G.657A1 - 12
Colored Fiber (Green Connectors)**



Pigtail LC - SM APC X meter ITU-T G.657A1 - 12 Colored Fiber (Green Connectors)

Product Description

The LC Single Mode APC Fiber Optic Pigtail is designed for high-performance fiber termination applications. It features ITU-T G.657A1 bend-insensitive fiber, a Custom length, and LC/APC connectors (green) for ultra-low back reflection.

This pigtail comes in a 12-color coded fiber set, enabling easy identification and efficient fiber management in high-density installations such as ODFs and patch panels.



Key Features

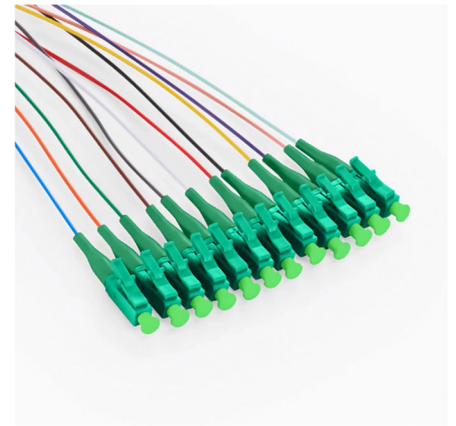
- LC/APC connector (8° angled polish)
- Single Mode fiber (9/125 μ m)
- ITU-T G.657A1 bend-insensitive fiber
- Custom lengths available upon request (e.g., 1m, 1.5m, 2m, 3m)
- 12-color coded fibers for easy identification
- Low insertion loss and high return loss
- Factory-terminated for consistent quality
- LSZH or PVC jacket options
- Green connector for APC identification

Applications

- FTTH / GPON networks
- Optical Distribution Frames (ODF)
- Fiber patch panels
- Telecom and data centers
- Splicing and termination applications

Benefits

- Ultra-low back reflection (ideal for FTTH & GPON networks)
- Bend-insensitive fiber reduces signal loss in tight spaces
- Easy fiber identification with 12-color coding
- Reliable performance due to factory polishing and testing
- Time-saving installation (pre-terminated solution)
- Improved network stability and reduced signal attenuation
- Suitable for high-density environments



Technical Specifications

Parameter	Specification
Fiber Type	Single Mode (ITU-T G.657A1)
Core/Cladding Diameter	9/125 μm
Connector Type	LC/APC
Insertion Loss	≤ 0.3 dB
Return Loss	≥ 60 dB
Wavelength	1310 / 1550 nm
Tensile Strength	≥ 9 N
Repeatability	≤ 0.2 dB
Interchangeability	≤ 0.2 dB

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)
- Compliant with environmental standards