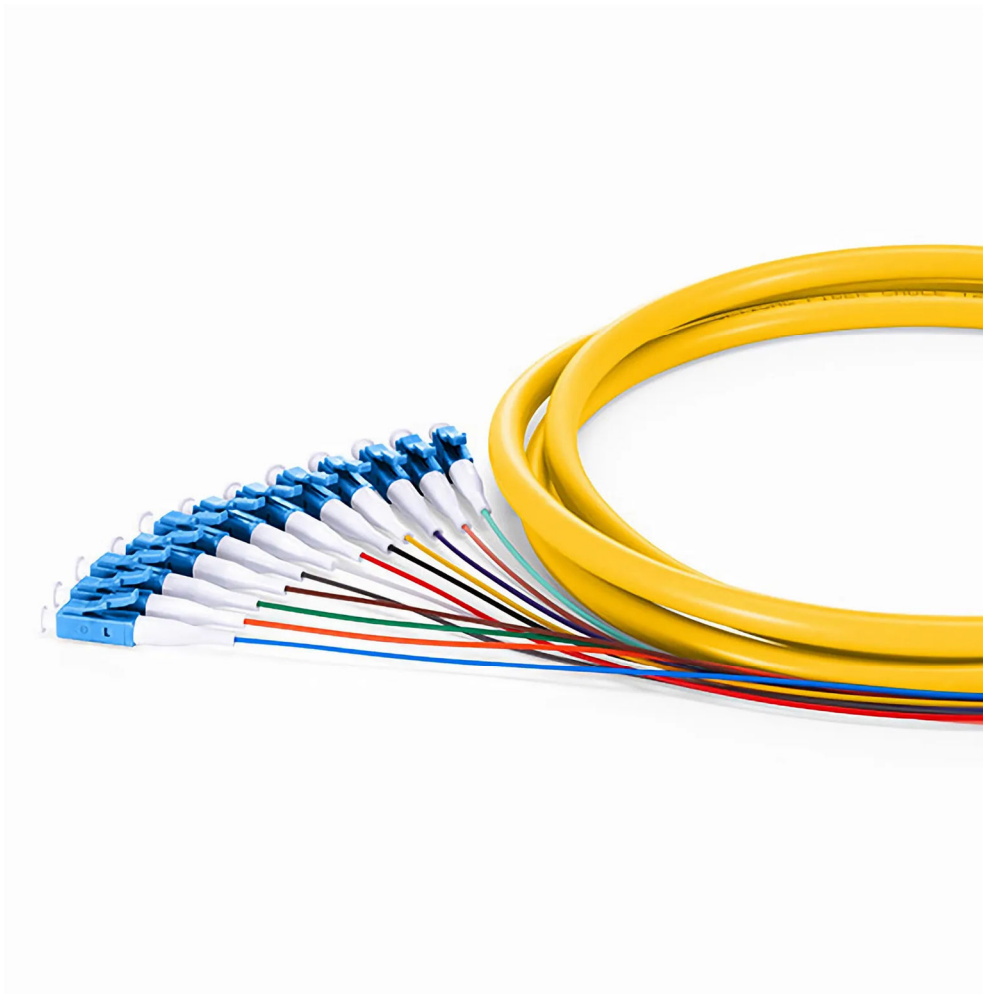


Optical Fiber Pigtail

TECHNICAL DATA SHEET

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

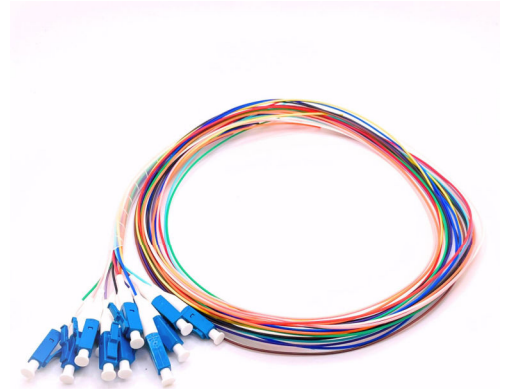


Pigtail LC - SM UPC X meter ITU-T G.657A1 - 12 Colored Fiber (Blue Connectors)

Product Description:

The LC Single-Mode UPC Pigtail (12-Fiber) is a high-density fiber optic solution designed for professional fusion splicing in telecom networks, data centers, and FTTH applications.

It uses ITU-T G.657.A1 bend-insensitive fiber, ensuring reliable performance in tight installation spaces. The LC connector provides a compact design, making it ideal for high-density patch panels and equipment ports.



Applications:

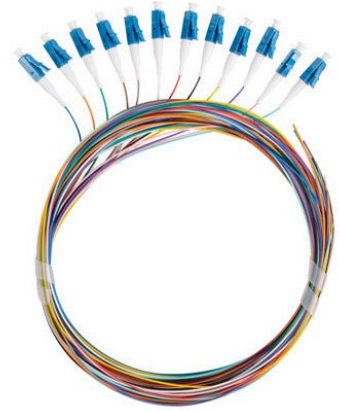
- Data Centers (high-density patch panels and rack systems)
- Telecommunication Networks
- FTTH / FTTx Installations
- Optical Distribution Frames (ODF)
- Fiber Termination Boxes (FTB)
- Server Rooms & Network Cabinets

Technical Specifications:

Parameter	Specification
Fiber Type	Single-Mode
Standard	ITU-T G.657.A1
Core/Cladding	9/125 μm
Fiber Count	12 Fibers
Connector Type	LC
Polish Type	UPC
Connector Color	Blue
Wavelength	1310 nm / 1550 nm
Insertion Loss	≤ 0.20 dB
Return Loss (UPC)	≥ 50 dB
Buffer Diameter	900 μm
Fiber Coding	TIA/EIA-598 Standard (12 Colors)
Minimum Bend Radius	10 mm
Operating Temperature	-40°C to $+85^{\circ}\text{C}$
Application	Fusion Splicing / ODF / High-Density Panels

Benefits:

- High Density Design (LC compact connector saves space in panels and racks)
- Low Insertion Loss (≤ 0.20 dB) for stable signal performance
- High Return Loss (≥ 50 dB) for improved optical quality
- Bend-Insensitive G.657A1 Fiber for tight installation environments
- 12 Color-Coded Fibers for easy identification and management
- Ideal for Data Centers and High-Density Applications
- Compatible with standard single-mode (OS2) networks
- Suitable for Fusion Splicing
- Wide operating temperature range (-40°C to $+85^{\circ}\text{C}$)
- Reliable long-term performance and durability



Model:

PN	Description
FLOFPTSCG7102	SC Single Mode Fiber Optic Pigtail APC – ITU-T G.657A1 , 12 Fiber
FLOFPTSCAG7102	SC Single Mode Fiber Optic Pigtail APC – ITU-T G.657A1 , 12 Fiber
FLOFPTLCO202	LC Multi Mode Fiber Optic Pigtail UPC OM2 – ITU-T G.651 , 12 Fiber
FLOFPTSCO202	SC Multi Mode Fiber Optic Pigtail UPC OM2 – ITU-T G.651 , 12 Fiber

FLOFPTSCO302	SC Multi Mode Fiber Optic Pigtail UPC OM3 – ITU-T G.651 , 12 Fiber
FLOFPTLCO402	LC Multi Mode Fiber Optic Pigtail UPC OM4– ITU-T G.651 , 12 Fiber
FLOFPTLCO402	FC Multi Mode Fiber Optic Pigtail UPC OM4– ITU-T G.657A1 , 12 Fiber
FLOFPTSTG7102	ST Single Mode Fiber Optic Pigtail UPC – ITU-T G.657A1 , 12 Fiber
FLOFPTFCO202	FC Multi Mode Fiber Optic Pigtail UPC OM2– ITU-T G.651 , 12 Fiber
FLOFPTLCO302	LC Multi Mode Fiber Optic Pigtail UPC OM3 – ITU-T G.651 , 12 Fiber
FLOFPTLCAG7102	LC Single Mode Fiber Optic Pigtail APC – ITU-T G.657A1 , 12 Fiber
FLOFPTSTO202	ST Multi Mode Fiber Optic Pigtail UPC OM2– ITU-T G.651 , 12 Fiber
FLOFPTSTO302	ST Multi Mode Fiber Optic Pigtail UPC OM3– ITU-T G.651 , 12 Fiber