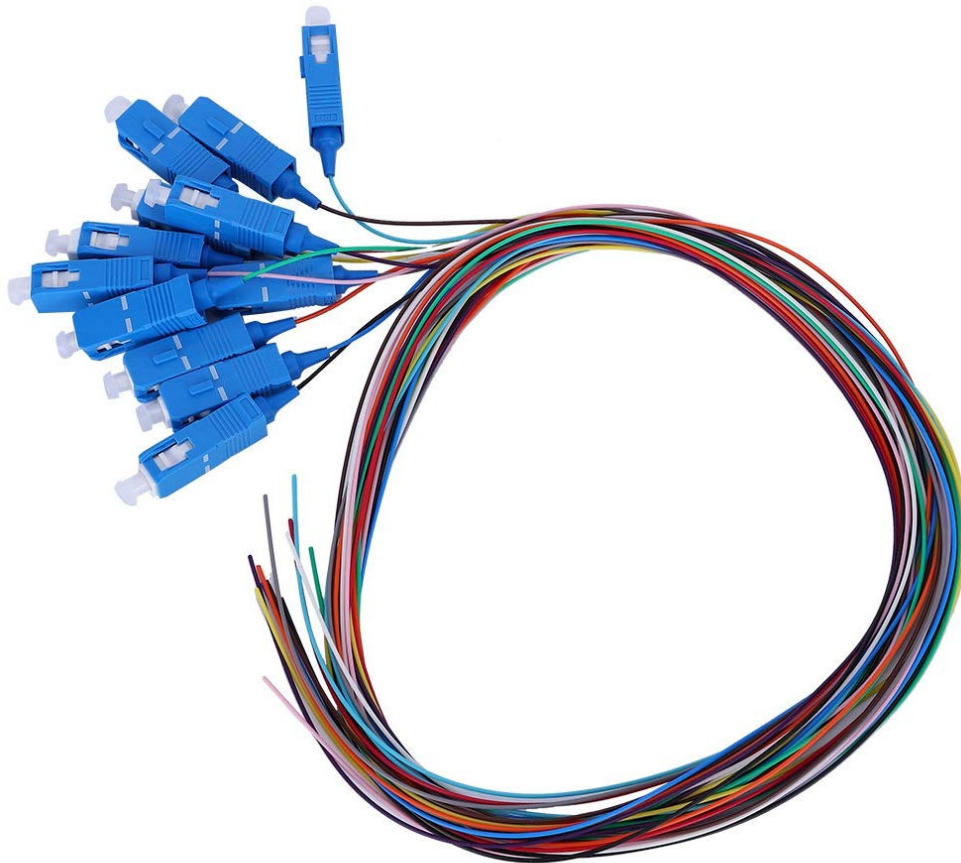


Optical Fiber Pigtail

TECHNICAL DATA SHEET

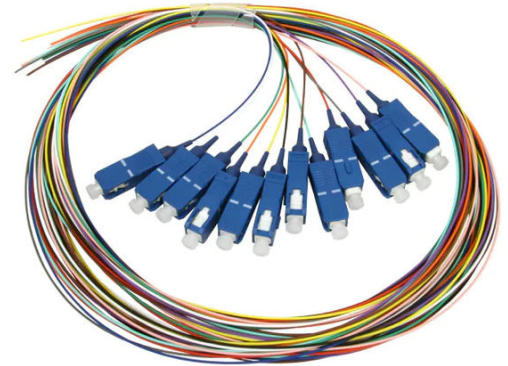
**Pigtail SC - SM UPC X meter ITU-T G.657A1 - 12 Colored
Fiber (Blue Connectors)**



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

Product Description:

The Fiber Light SC Single-Mode UPC Pigtail is a high-quality fiber optic solution designed for reliable fusion splicing in FTTH, FTTx, telecom, and data network applications. It features 12 individually color-coded single-mode fibers compliant with ITU-T G.657.A1, ensuring excellent bend performance and stable transmission in tight installation environments.



Built with precision-polished SC/UPC connectors (blue), this pigtail delivers low insertion loss and high return loss, guaranteeing optimal signal performance in optical distribution frames (ODF), fiber termination boxes, and network cabinets.

The bend-insensitive G.657A1 fiber allows installation in confined spaces while maintaining compatibility with standard single-mode systems (OS2). The 900 μ m tight buffer structure makes it ideal for professional indoor fiber management and splicing applications.

Applications:

- Fiber Distribution Panels (ODF)
- FTTH Network Installations
- Data Centers
- Telecom Infrastructure
- Optical Network Termination

Technical Specifications:

Category	Specification
Fiber Type	Single-Mode
Standard	ITU-T G.657.A1
Core / Cladding	9/125 μm
Fiber Count	12 Fibers
Color Coding	TIA/EIA-598 (12 Standard Colors)
Connector Type	SC
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
Cable Type	Tight Buffer
Jacket Material	PVC or LSZH (depends on model)
Minimum Bend Radius	10 mm
Operating Temperature	-40°C to $+85^{\circ}\text{C}$
Mating Cycles	≥ 1000
Compliance Standards	IEC 61300, Telcordia GR-326-CORE, TIA-598

Benefits:

- Low insertion loss for stable signal transmission
- High return loss for better optical performance
- Bend-insensitive G.657A1 fiber for tight installations
- 12 color-coded fibers for easy identification
- Compatible with standard single-mode networks (OS2)
- SC/UPC blue connector for secure connection
- Suitable for fusion splicing applications
- Wide operating temperature range (-40°C to +85°C)
- Durable design with long service life



Model:

PN	Description
FLOFPTSCAG7102	SC Single Mode Fiber Optic Pigtail APC – ITU-T G.657A1, 12 Fiber
FLOFPTLCG7102	LC Single Mode Fiber Optic Pigtail UPC – 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