

Optical Fiber Pigtail

TECHNICAL DATA SHEET

**Pigtail LC - MM-OM3 UPC 2meter ITU-T G.651 - 12 Colored
Fiber (Aqua Connectors)**



Pigtail LC - MM-OM3 UPC 2meter ITU-T G.651 - 12 Colored Fiber (Aqua Connectors)

Product Description:

The SC Multimode OM3 UPC 12-Fiber Pigtail is designed for high-performance fusion splicing in data centers, enterprise networks, and high-speed LAN environments.

It uses OM3 multimode fiber (50/125 μm) compliant with ITU-T G.651, optimized for high-bandwidth applications and laser-optimized transmission (VCSEL compatible). The SC/UPC connectors (typically aqua color for OM3 systems) provide stable optical performance with low insertion loss.

The 12 color-coded fibers ensure easy identification and organized installation in optical distribution frames (ODF) and patch panels.

Applications:

- High-speed Data Centers
- 10G Ethernet Networks
- Enterprise Backbone Networks
- Local Area Networks (LAN)
- Optical Distribution Frames (ODF)
- Fiber Termination Boxes
- Indoor Structured Cabling Systems



Technical Specifications:

Parameter	Specification
Fiber Type	Multimode
Standard	ITU-T G.651
Fiber Category	OM3
Core / Cladding	50/125 μm
Fiber Count	12 Fibers
Connector Type	SC
Polish Type	UPC
Connector Color	Typically Aqua
Wavelength	850 nm / 1300 nm
Insertion Loss	≤ 0.30 dB
Return Loss	≥ 35 dB
Buffer Diameter	900 μm
Fiber Color Code	TIA/EIA-598 (12 Colors)
Operating Temperature	-40°C to $+85^{\circ}\text{C}$
Application	Fusion Splicing / Data Centers / LAN

Benefits:

- High bandwidth performance for 10G applications
- Laser-optimized OM3 fiber for modern network systems
- Reliable short-distance high-speed transmission
- 12 color-coded fibers for easy management
- Suitable for professional fusion splicing
- Stable SC/UPC connection
- Compatible with multimode infrastructure
- Durable design for long-term installation

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
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
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