



# GalaxLite LC/UPC OM5 Pigtail with PVC Sheath, 900micron, 2m



## Applicable Standards

- IEC 60793-2-10: Performance characteristics of multimode fibers, including OM5, supporting wideband multimode applications and optimal performance for next-generation networking.
- TIA-568.3-D: Performance standards for optical fiber cabling systems, including LC/UPC connectors and OM5 fiber, ensuring reliable high-speed and high-density installations.
- ISO/IEC 11801: Guidelines for fiber optic cabling in customer premises, including OM5 fiber, supporting compatibility with WBMMF technologies for future-ready networks.
- IEC 61754-20: Specifications for LC connectors, ensuring compatibility with multimode OM5 fiber, meeting industry standards for performance and durability.
- GR-326-CORE: Establishes performance requirements for fiber optic connectors, ensuring LC/UPC connectors maintain reliability and efficiency under challenging conditions in advanced network infrastructures.

## Product Part Number

N161.LCU4PV2

## Product Description

GalaxLite LC/UPC OM5 Pigtail with a PVC sheath and 900-micron buffer delivers exceptional performance for next-generation multimode fiber networks. Designed to support wideband multimode fiber (WBMMF) applications, this 2-meter pigtail ensures low insertion loss and excellent compatibility for high-speed transmissions up to 100G. Its robust LC/UPC connector and durable construction make it ideal for demanding, future-ready installations.

## Product Features

- High-Performance LC/UPC Connector : Ensures low insertion loss and reliable connectivity, ideal for modern multimode networks up to 100G.
- Wideband Multimode Fiber (WBMMF): Optimized for OM5, enabling high-speed data transmission across a broader range of wavelengths for advanced networking applications.
- Durable PVC Sheath : Provides strong mechanical protection, flexibility, and resistance to environmental wear.
- 900micron Fiber Diameter : Standard size for compatibility with patch panels and splice trays, ideal for high-density and efficient network setups.
- Convenient Length : Standard 2-meter length ideal for precise fiber connections in various installations, offering flexibility for routing and placement.





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### Material Specifications

Fiber Type	Multimode OM5
Insertion Loss	≤ 0.25 dB
Return Loss	≥ 35 dB
Connector Color	Lime Green
Boot Color	Lime Green
Sheath Color	Lime Green
Outer Diameter	0.9mm ± 0.05mm
Sheath Material	PVC
Outer Sheath Thickness	0.3 ± 0.05mm
Buffer Type	Tight Buffer
Bending Radius	Dynamic 20 x D   Static 10 x D

### Environmental Specifications

Operating Temperature Range	- 20°C to 70°C
Storage Temperature Range	- 20°C to 70°C

### Ordering Information

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