



GalaxLite SC/APC SM G.657A2 Pigtail with PVC Sheath, 900micron, 2m



Applicable Standards

- IEC 60793-2-50: Performance characteristics of single-mode fibers, including G.657A2, ensuring low bend sensitivity and optimal performance in tight bending environments.
- TIA-568.3-D: Performance standards for optical fiber cabling systems, including SC/APC connectors and G.657A2 fiber, suitable for high-density and high-performance installations.
- ISO/IEC 11801: Guidelines for fiber optic cabling in customer premises, including G.657A2 fiber, ensuring compatibility for modern networks with bend-insensitive fibers.
- IEC 61754-4: Specifications for SC connectors, ensuring compatibility with single-mode G.657A2 fiber, meeting performance and durability requirements.
- GR-326-CORE: Establishes performance requirements for fiber optic connectors, ensuring the SC/APC connectors provide reliable performance even under stress in critical network installations.

Product Part Number

N161.SCA5A2PV2

Product Description

The GalaxLite SC/APC SM G.657A2 Pigtail is a high-performance single-mode fiber optic pigtail designed for seamless connectivity in telecommunication networks. Built with G.657A2 fiber, it offers enhanced bend tolerance and durability, ensuring reliable performance even in compact installations. The 2-meter pigtail features a robust PVC sheath and 900-micron buffer for added protection, making it ideal for patch panels, splicing, and optical distribution frames.

Product Features

- Precision Performance : SC/APC connector with low insertion loss and high return loss for reliable single-mode connectivity.
- Superior Bend Performance : G.657A2 fiber for bend-insensitivity and minimal attenuation over long distances.
- Durable PVC Sheath : Provides strong mechanical protection, flexibility, and resistance to environmental wear.
- Compact 900µm Design : Tight-buffered fiber ensures easy splicing and compatibility with patch panels and enclosures.
- Convenient Length : Standard 2-meter length ideal for versatile applications in data centers, telecom, and FTTH networks.





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Material Specifications

Fiber Type	Single Mode G.657A2
Insertion Loss	≤ 0.25 dB
Return Loss	≥ 65 dB
Connector Color	Green
Boot Color	Green
Sheath Color	Yellow
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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