



GalaxLite Simplex Patch Cord, SC/UPC - SC/UPC, MM OM5, PVC Sheath, OFNR



Applicable Standards

- **TIA-568.3-D:** Specifies performance criteria for multimode optical cabling, including OM5.
- **ISO/IEC 11801:** Global standard for structured cabling systems supporting OM5 fiber.
- **IEC 61754-4:** Defines SC connector interfaces for optical networks.
- **IEC 60793-2-10:** Details multimode optical fiber specifications, including OM5 classifications.
- **UL 1666:** Ensures compliance with fire safety requirements for riser-rated (OFNR) cables.

Product Part Number

N131.SCUSCU4PVxy

Product Description

The GalaxLite Simplex Patch Cord with SC/UPC connectors and OM5 multimode fiber is a next-generation solution for high-speed optical networks. Designed for efficient short-wavelength division multiplexing (SWDM) applications, it enables data transmission up to 100Gbps over extended distances. Its durable PVC sheath and OFNR rating ensure reliable performance in riser environments, making it ideal for data centers, enterprise systems, and modern networking infrastructure.

Product Features

- **SC/UPC Connectors :** Provide stable and low-loss connections for consistent signal quality.
- **OM5 Multimode Fiber :** Supports up to 100Gbps using SWDM at wavelengths ranging from 850nm to 950nm.
- **Durable PVC Sheath :** Ensures flexibility and protection against wear and tear during installation and use.
- **OFNR Rated :** Certified for riser applications, meeting strict fire safety standards.
- **Enhanced Bandwidth :** Engineered for advanced applications requiring extended reach and high data rates.





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Material Specifications

Fiber Type	Multimode OM5 (50/125)
Insertion Loss	≤ 0.25 dB
Return Loss	≥ 35 dB
Connector Color	Lime Green
Boot Color	Lime Green
Sheath Color	Lime Green
Outer Diameter	2.0mm / 3.0mm
Sheath Material	PVC
Buffer Type	Tight Buffered
Strength Member	Aramid Yarn
Bending Radius	Dynamic 20 x D Static 10 x D
Tensile Strength	Short-term :100N / Long-term: 60N

Environmental Specifications

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





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Ordering Information

N131.SCUSCU4PV21	GalaxLite Simplex Patch Cord, SC/UPC-SC/UPC, MM OM5, PVC Sheath, OFNR, 2.0mm, 1m
N131.SCUSCU4PV22	GalaxLite Simplex Patch Cord, SC/UPC-SC/UPC, MM OM5, PVC Sheath, OFNR, 2.0mm, 2m
N131.SCUSCU4PV23	GalaxLite Simplex Patch Cord, SC/UPC-SC/UPC, MM OM5, PVC Sheath, OFNR, 2.0mm, 3m
N131.SCUSCU4PV25	GalaxLite Simplex Patch Cord, SC/UPC-SC/UPC, MM OM5, PVC Sheath, OFNR, 2.0mm, 5m
N131.SCUSCU4PV210	GalaxLite Simplex Patch Cord, SC/UPC-SC/UPC, MM OM5, PVC Sheath, OFNR, 2.0mm, 10m
N131.SCUSCU4PV31	GalaxLite Simplex Patch Cord, SC/UPC-SC/UPC, MM OM5, PVC Sheath, OFNR, 3.0mm, 1m
N131.SCUSCU4PV32	GalaxLite Simplex Patch Cord, SC/UPC-SC/UPC, MM OM5, PVC Sheath, OFNR, 3.0mm, 2m
N131.SCUSCU4PV33	GalaxLite Simplex Patch Cord, SC/UPC-SC/UPC, MM OM5, PVC Sheath, OFNR, 3.0mm, 3m
N131.SCUSCU4PV35	GalaxLite Simplex Patch Cord, SC/UPC-SC/UPC, MM OM5, PVC Sheath, OFNR, 3.0mm, 5m
N131.SCUSCU4PV310	GalaxLite Simplex Patch Cord, SC/UPC-SC/UPC, MM OM5, PVC Sheath, OFNR, 3.0mm, 10m

