



GalaxLite Duplex Patch Cord, SC/UPC - SC/UPC, MM OM2, PVC Sheath, OFNR



Applicable Standards

- **TIA-568.3-D:** Defines requirements for optical fiber cabling in structured networks.
- **ISO/IEC 11801:** International standard for structured cabling systems.
- **IEC 60793-2-10:** Covers the specifications of multimode optical fibers.
- **IEC 61754-4:** Ensures compliance with SC connector dimensions and performance.
- **UL 1666:** Certifies the cable's compliance with fire-resistance requirements for riser-rated (OFNR)

Product Part Number

N132.SCUSCU1PVxy

Product Description

The GalaxLite Duplex Patch Cord with SC/UPC connectors is designed for reliable multimode OM2 fiber networks. Engineered for optimal performance, it features a durable PVC sheath and is OFNR-rated for safe riser installations. With enhanced bandwidth and low-loss connectivity, this patch cord is ideal for Ethernet, data centers, and enterprise network applications requiring consistent short to medium-distance data transmission.

Product Features

- **OM2 Multimode Fiber :** Supports data rates up to 10 Gbps over distances up to 150 meters at 850nm.
- **Duplex Design :** Allows simultaneous bidirectional communication, reducing installation complexity.
- **PVC Sheath :** Durable and flexible, suited for indoor installations.
- **SC/UPC Connectors :** Ensures low insertion loss and dependable performance.
- **OFNR Rating :** Complies with fire safety standards for riser applications.





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Material Specifications

Fiber Type	Multimode OM2 (50/125)
Insertion Loss	≤ 0.25 dB
Return Loss	≥ 35 dB
Connector Color	Beige
Boot Color	Beige
Sheath Color	Orange
Outer Diameter	H x W = 2.0mm x 4.1mm 2.8mm x 5.8mm
Sheath Material	PVC
Buffer Type	Tight Buffered
Strength Member	Aramid Yarn
Bending Radius	Dynamic 20 x W Static 10 x W (Where "W" is Width - larger dimension)
Overall Tensile Strength	Short-term : 200N / Long-term : 100N

Environmental Specifications

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





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Ordering Information

N132.SCUSCU1PV41	GalaxLite Duplex Patch Cord, SC/UPC-SC/UPC, MM OM2, PVC Sheath, OFNR, 2.0mm x 4.1mm, 1m
N132.SCUSCU1PV42	GalaxLite Duplex Patch Cord, SC/UPC-SC/UPC, MM OM2, PVC Sheath, OFNR, 2.0mm x 4.1mm, 2m
N132.SCUSCU1PV43	GalaxLite Duplex Patch Cord, SC/UPC-SC/UPC, MM OM2, PVC Sheath, OFNR, 2.0mm x 4.1mm, 3m
N132.SCUSCU1PV45	GalaxLite Duplex Patch Cord, SC/UPC-SC/UPC, MM OM2, PVC Sheath, OFNR, 2.0mm x 4.1mm, 5m
N132.SCUSCU1PV410	GalaxLite Duplex Patch Cord, SC/UPC-SC/UPC, MM OM2, PVC Sheath, OFNR, 2.0mm x 4.1mm, 10m
N132.SCUSCU1PV61	GalaxLite Duplex Patch Cord, SC/UPC-SC/UPC, MM OM2, PVC Sheath, OFNR, 2.8mm x 5.8mm, 1m
N132.SCUSCU1PV62	GalaxLite Duplex Patch Cord, SC/UPC-SC/UPC, MM OM2, PVC Sheath, OFNR, 2.8mm x 5.8mm, 2m
N132.SCUSCU1PV63	GalaxLite Duplex Patch Cord, SC/UPC-SC/UPC, MM OM2, PVC Sheath, OFNR, 2.8mm x 5.8mm, 3m
N132.SCUSCU1PV65	GalaxLite Duplex Patch Cord, SC/UPC-SC/UPC, MM OM2, PVC Sheath, OFNR, 2.8mm x 5.8mm, 5m
N132.SCUSCU1PV610	GalaxLite Duplex Patch Cord, SC/UPC-SC/UPC, MM OM2, PVC Sheath, OFNR, 2.8mm x 5.8mm, 10m

