



# GalaxLite Duplex Patch Cord, FC/UPC - FC/UPC, SM G.657A2, PVC Sheath, OFNR



## Applicable Standards

- **ISO/IEC 11801**: Generic Cabling for Customer Premises.
- **TIA-568.3-D**: Optical Fiber Cabling and Component Standard.
- **ITU-T G.657.A2**: Characteristics of Bending-Loss Insensitive Single-Mode Optical Fiber.
- **IEC 61754-13**: Fiber Optic Connector Interfaces – Type FC Connector Family.
- **IEC 60794**: Optical Fiber Cables – Basic Test and Measurement Procedures.
- **UL 1666**: Flame Propagation for OFNR Rated Cables.
- **RoHS Directive (2011/65/EU)**: Restriction of Hazardous Substances.

## Product Part Number

N132.FCUFCU5A2PVxy

## Product Description

The GalaxLite Duplex Patch Cord, FC/UPC - FC/UPC, is built with single-mode G.657A2 optical fiber for high precision and reliability in fiber optic networks. Encased in a durable PVC sheath with an OFNR rating, this patch cord ensures superior performance for high-speed data transmission in riser-rated environments. Designed for ease of use and long-term durability, it is an ideal choice for data centers, enterprise networks, and telecommunication systems.

## Product Features

- **High-Performance Fiber** : Utilizes G.657A2 single-mode fiber for low-loss signal transmission and high efficiency.
- **Duplex Design** : Allows simultaneous bidirectional communication, reducing installation complexity.
- **Durable Construction** : PVC sheath with OFNR certification offers robust protection and flame resistance for riser environments.
- **Precision Polishing** : FC/UPC connectors ensure low insertion loss and high return loss for stable signal quality.
- **Flexible Outer Diameter Options** : Available in standard sizes to suit a variety of network applications.





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## Material Specifications

Fiber Type	Single Mode G.657A2
Insertion Loss	≤ 0.25 dB
Return Loss	≥ 55 dB
Connector Color	Metal Silver
Boot Color	Blue
Sheath Color	Yellow
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)
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



## Ordering Information

N132.FCUFCU5A2PV41	GalaxLite Duplex Patch Cord, FC/UPC-FC/UPC, SM G.657A2, PVC Sheath, OFNR, 2.0mm x 4.1mm, 1m
N132.FCUFCU5A2PV42	GalaxLite Duplex Patch Cord, FC/UPC-FC/UPC, SM G.657A2, PVC Sheath, OFNR, 2.0mm x 4.1mm, 2m
N132.FCUFCU5A2PV43	GalaxLite Duplex Patch Cord, FC/UPC-FC/UPC, SM G.657A2, PVC Sheath, OFNR, 2.0mm x 4.1mm, 3m
N132.FCUFCU5A2PV45	GalaxLite Duplex Patch Cord, FC/UPC-FC/UPC, SM G.657A2, PVC Sheath, OFNR, 2.0mm x 4.1mm, 5m
N132.FCUFCU5A2PV410	GalaxLite Duplex Patch Cord, FC/UPC-FC/UPC, SM G.657A2, PVC Sheath, OFNR, 2.0mm x 4.1mm, 10m
N132.FCUFCU5A2PV61	GalaxLite Duplex Patch Cord, FC/UPC-FC/UPC, SM G.657A2, PVC Sheath, OFNR, 2.8mm x 5.8mm, 1m
N132.FCUFCU5A2PV62	GalaxLite Duplex Patch Cord, FC/UPC-FC/UPC, SM G.657A2, PVC Sheath, OFNR, 2.8mm x 5.8mm, 2m
N132.FCUFCU5A2PV63	GalaxLite Duplex Patch Cord, FC/UPC-FC/UPC, SM G.657A2, PVC Sheath, OFNR, 2.8mm x 5.8mm, 3m
N132.FCUFCU5A2PV65	GalaxLite Duplex Patch Cord, FC/UPC-FC/UPC, SM G.657A2, PVC Sheath, OFNR, 2.8mm x 5.8mm, 5m
N132.FCUFCU5A2PV610	GalaxLite Duplex Patch Cord, FC/UPC-FC/UPC, SM G.657A2, PVC Sheath, OFNR, 2.8mm x 5.8mm, 10m