



## Single Mode Simplex Fiber Optic Patch Cords



### Applications

Fiber Optic Patch Cords are used in entrance facilities, telecommunications rooms, data centers, at the device and for network applications to interconnect and cross-connect main distribution, horizontal distribution, and equipment distribution areas.

### Description / Specifications

Vericom simplex fiber optic patch cords utilize Corning® Fiber Optic Glass for superior optical performance, and are constructed with 1.8mm simplex cable with 900um buffered fiber and aramid yarn to provide strain relief to the connectors. Patch cords are available in OS2 fiber types in UL OFNR for non-plenum applications. SC connectors have standard 2.5mm ferrule and LC connectors have standard 1.25mm ferrule. These cables are built to meet TIA-568-C.3 with regards to patch cord performance and transmission requirements.

### Features & Benefits

- Built to meet existing TIA-568-C.3 performance standard for interoperability
- SC is designed to TIA-604-3 (FOCIS-3) for intermatability
- LC is designed to TIA-604-10 (FOCIS-10) for intermatability
- Corning® Fiber Optic Glass for superior optical performance
- Aramid yarn is crimped to the back of the connector to reduce stress on the fiber and improve durability
- Varying lengths are available to meet specific application needs

### Standards Compliance

- ISO/IEC 11801
- TIA-568-C.3
- TIA-604-3 (FOCIS-3)
- TIA-604-10 (FOCIS-10)
- RoHS Compliant

### Construction

**Fiber Count:** Simplex (1-fiber) tight buffered

**Cable Jacket Rating:** Riser (UL OFNR)

**Fiber Type:** Single Mode, OS2 (G.652.D)

**Connector Type end "A" :** Simplex LC/APC, LC/UPC, SC/APC

**Connector Type end "B" :** Simplex LC/APC, SC/APC

**Jacket Color :** Yellow



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Ordering Information

Item Number	Description	Length Availability
PC2A2A1118RYEXXM	OS2, LC-APC simplex to LC-APC simplex patch cord, riser (OFNR) rated, OD1.8mm, Std IL	Specify Item Length ( <i>In Meters</i> ) by substituting <b>XX</b> in Item # for the following options: 01, 02, 03, 05, 07, 10. * Note: Stocking lengths vary based on fiber patch cord style.
PC2A1A1118RYEXXM	OS2, LC-APC simplex to SC-APC simplex patch cord, riser (OFNR) rated, OD1.8mm, Std IL	
PC1A1A1118RYEXXM	OS2, SC-APC simplex to SC-APC simplex patch cord, riser (OFNR) rated, OD1.8mm, Std IL	
PC1A2U1118RYEXXM	OS2, LC-UPC simplex to SC-APC simplex patch cord, riser (OFNR) rated, OD1.8mm, Std IL	

Item # Example: PC2A2A1118RYE03M = OS2, LC-APC simplex to LC-APC simplex patch cord, riser (OFNR) rated, OD1.8mm, Std IL, 3 meter length.

Environmental Conditions

Storage Temperature: -40 °F to 158 °F (-40 °C to 70 °C)

Operating & Installation Temperature: -4 °F to 158 °F (-20 °C to 70 °C)

Optical Properties

Connector Insertion Loss: 0.30dB Max.

APC Connector Return Loss: 65dB Min.

UPC Connector Return Loss: 55dB Min.

Physical Properties

Cable Outside Diameter (OD): 1.8mm simplex

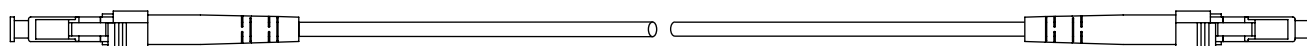
Static Bend Radius (Minimum): 18mm

Connector Durability: 500 Cycles

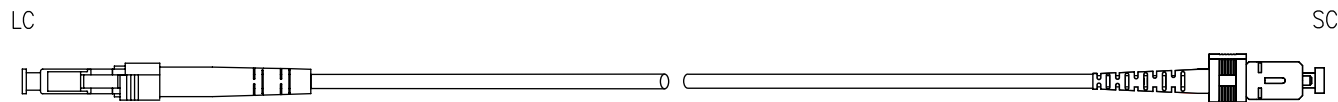
Connector Cable Retention: 50N @ 0° C

19.4N @ 90° C

Technical Illustration: LC to LC



Technical Illustration: LC to SC



Technical Illustration: SC to SC

