



## Push-Pull LC Duplex Fiber Optic Patch Cords



### Applications

Push-Pull LC Duplex 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 Push-Pull LC Duplex Patch Cords utilize Corning® Fiber Optic Glass for superior optical performance, and are constructed with 1.8mm cable with 900um buffered fiber and aramid yarn to provide strain relief to the connectors. The cables ship in a standard A-B polarity but the polarity can be easily modified for data center applications that require a different polarity due to Method A pre-terminated cassette design. Patch cords are available in OS1/OS2, OM4 Aqua, and OM4 Erika Violet fiber types in UL OFNP for plenum and non-plenum applications. LC connectors have standard 1.25mm ferrule and are designed to be intermatable with FOCUS-10 standard LC connectors. 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
- Polarity can be switched in seconds for Method A Polarity configuration
- Ideal for use with high density fiber enclosures like Vericom G-Series enclosures
- LC is designed to TIA-604-10 (FOCIS-10) for intermatability
- Corning® Fiber Optic Glass for superior performance
- Aramid yarn is incorporated within the jacket to reduce stress on the fiber and improve durability
- Varying lengths are available to meet specific application needs

### Standards Compliance

- TIA-568-C.3
- UL E519838 OFNP
- TIA-604-10 (FOCIS-10)
- RoHS Compliant

### Construction

**Fiber Count:** Duplex (2-fiber) jacketed cable tight buffered

**Cable Jacket Ratings:** Plenum (UL OFNP)

**Fiber Types:**

**Single Mode:** OS1/OS2 9/125µm

**Multimode:** OM4 50/125µm

**Jacket Color :**

**OS1/OS2:** Yellow

**OM4:** Aqua

**OM4:** Erika Violet



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Ordering Information

Item Number	Description	Length Availability
PP08U20218PYEXXM	SM G652D DX OFNP OD1.8mm LC/UPC-LC/UPC Standard IL, Standard Polarity, Yellow	Specify Item Length ( <i>In Meters</i> ) by substituting <b>XX</b> in Item # for the following options: 01, 02, 03, 05, 07, 10, 15.  * Note: Stocking lengths vary based on fiber patch cord style.
PP08U40218PAQXXM	MM OM4 DX OFNP OD1.8mm LC/UPC-LC/UPC Standard IL, Standard Polarity, Aqua	
PP08U40218PEVXXM	MM OM4 DX OFNP OD1.8mm LC/UPC-LC/UPC Standard IL, Standard Polarity, Erika Violet	

Item # Example: PP08U20218PYE02M = SM G652D DX OFNP OD1.8mm LC/UPC - LC/UPC, 2 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: 0.35dB Max. (OM4 Multimode)  
0.35dB Max. (LC Singlemode)

Connector Return Loss: 35dB Min. (OM4)  
55dB Min. (OS1/OS2)

Physical Properties

Cable Outside Diameter (OD): 1.8mm duplex

Static Bend Radius (Minimum): 18mm

Connector Durability: 500 Cycles

Connector Cable Retention: 50N @ 0° C

Technical Illustrations:

