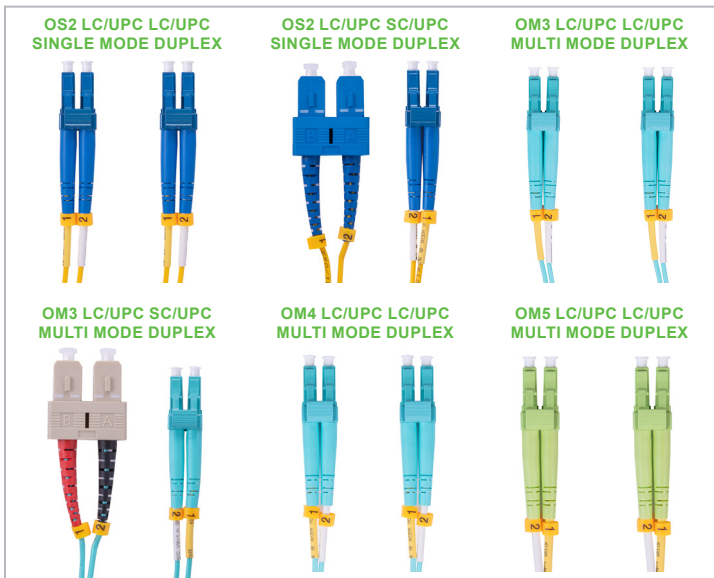




Duplex Fiber Optic Patch Cords



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 duplex fiber optic patch cords utilize Corning® Fiber Optic Glass for superior optical performance, and are constructed with 1.8mm duplex 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 modified for data center applications that require a different polarity due to pre-terminated cassette design. Patch cords are available in OS1/OS2, OM3, OM4, and OM5 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 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

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

Construction

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

Cable Jacket Ratings: Riser (UL OFNR)

Fiber Types:

Single Mode: OS1/OS2 9/125µm

Multimode: OM3 50/125µm, OM4 50/ 50/125µm, OM5 50/125µm

Jacket Color :

OS1/OS2: Yellow

OM3: Aqua

OM4: Aqua

OM5: Lime Green



Fiber Optic Patch Cords

Ordering Information

Item Number	Description	Length Availability
PC08U20218RYEXXM	SM G652D DX OFNR OD1.8mm LC/UPC- LC/UPC	Specify Item Length (<i>In Meters</i>) by substituting XX in Item # for the following options: 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 15, 20, 25, 30. * Note: Stocking lengths vary based on fiber patch cord style.
PC06U20218RYEXXM	SM G652D DX OFNR OD1.8MM LC/UPC- SC/UPC	
PC08U30218RAQXXM	MM OM3 DX OFNR OD1.8MM LC/UPC- LC/UPC	
PC06U30218RAQXXM	MM OM3 DX OFNR OD1.8MM LC/UPC- SC/UPC	
PC08U40218RAQXXM	MM OM4 DX OFNR OD1.8MM LC/UPC- LC/UPC	
PC08U50218RLGXXM	MM OM5 DX OFNR OD1.8MM LC/UPC- LC/UPC	

Item # Example: PC08U20218RYE04M = SM G652D DX OFNR OD1.8mm LC/UPC - LC/UPC, 4 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: 0.25dB Max. (OM3/OM4 Multimode)
 0.10dB Max. (OM5 Multimode)
 0.35dB Max. (LC Singlemode)
 0.50dB Max. (SC Singlemode)

Connector Return Loss: 26dB Min. (OM3, OM4, OM5)
 55dB Min. (OS1/OS2)

Physical Properties

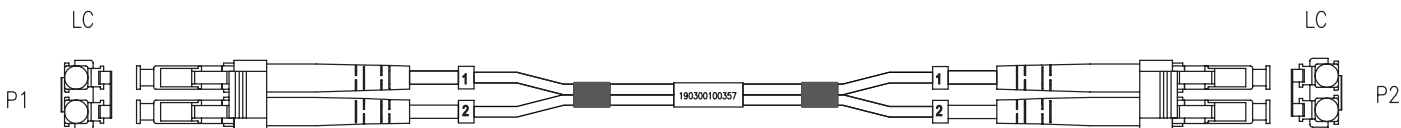
Cable Outside Diameter (OD): 1.8mm duplex

Static Bend Radius (Minimum): 18mm

Connector Durability: 500 Cycles

Connector Cable Retention: 50N @ 0° C

Technical Illustration: LC to LC



Technical Illustration: LC to SC

