



## **1.5 m LC to LC UPC Fiber Optic Patch Cable, 2.0 mm, Duplex, OFNR, Singlemode BIF, Yellow**

**9/125  $\mu$ m, Bend Insensitive Fiber Cable G.657.A1, 4.9 ft**

Part No.: **751650**

EAN-13: 0766623751643 | UPC: 766623751643

### **Our cutting-edge fiber optic solutions provide unmatched connectivity.**

Our versatile connectivity options ensure optimal performance in entrance facilities, telecommunications rooms, data centers, and even at the desk for interconnect and cross-connect applications. We use UPC (Ultra Physical Contact) fiber connectors for better surface finish and return loss, improving network quality.

Our OS2 single mode fiber products are ideal for high-speed network connections due to their performance and durability. Our fiber optics are ideal for 40G Ethernet and beyond due to low signal loss and high data rates. The bend-insensitive design reduces cable attenuation when bent or twisted, improving installation and maintenance efficiency.

Our cables, made from Corning optical fiber ultra-pure glass, have low attenuation and high bandwidth for high-speed, long-distance communication. Furthermore, our products have a lifetime warranty, protecting your investment for years. Choose our fiber optic solutions for long-lasting, high-performance connectivity.

## Features:

- Versatile Connectivity: Ideal for interconnect and cross-connect applications in entrance facilities, telecommunications rooms, data centers, and at the desk.
- UPC (Ultra Physical Contact) fiber connectors for a better surface finish and improved return loss.
- OS2 Single Mode Fiber: Uses OS2 single mode fiber, providing superior performance and longevity for high-speed network connections.
- Low signal loss and high data rate - perfect for use in 40G Ethernet applications and beyond.
- Bend Insensitive Design: Features bend insensitive technology, reducing attenuation when bent or twisted, which enhances installation and maintenance efficiency
- Made from Corning optical fiber ultra-pure glass - Corning glass fiber optic cables offer excellent performance characteristics, including low attenuation and high bandwidth, which are crucial for high-speed and long-distance communication.
- Each cable ships with the test report included
- Lifetime Warranty

## Specifications:

Connector type: LC UPC Duplex to LC UPC Duplex

Fiber count: 2 Fibers

Fiber grade: G.657.A1 (Compatible with G.652.D)

Bend Radius: 10.0mm

Fiber mode: Single Mode OS2 9/125μm

Wavelength: 1310/1550nm

Polarity: A (Tx) to B (Rx)

Cable outer diameter (OD): 2.0mm

Cable jacket: Riser (OFNR)

Ferrule material: Ceramic (zirconia)

Insertion loss:  $\leq 0.3\text{dB}$  (1310nm/1550nm), typical  $\leq 0.2\text{dB}$

Return loss:  $\geq 55\text{dB}$  (1310nm/1550nm)

Attenuation at 1310nm:  $\leq 0.35\text{dB/km}$

Attenuation at 1550nm:  $\leq 0.25\text{dB/km}$

Connector durability: 1000 insertion - extraction cycles min.

Operation temperature range:  $-40^{\circ}\text{C}$   $+85^{\circ}\text{C}$

