



# **1 m LC to LC UPC Fiber Optic Patch Cable, 3.0 mm, Duplex, LSZH, OM3 Multimode, Aqua**

**50/125µm, 3 ft.**

Part No.: **750868**

EAN-13: 0766623750868 | UPC: 766623750868

**Experience the power of light-based data transmission with our fiber optic cables, offering a multitude of features and benefits tailored to meet your connectivity needs.**

## **Unrivaed Transmission Distance:**

Embark on seamless communication journeys spanning over 100 kilometers (km) or approximately 62 miles, ensuring uninterrupted connectivity across vast distances.

## **Enhanced Security for Peace of Mind:**

Shield your data with impenetrable security layers as signals transmitted through fiber cables remain undetectable remotely. Only by direct access to the optical fiber can any attempt at interception be made, making fiber optics the ultimate choice for entities prioritizing top-tier security, including governmental bodies, banks, and businesses with critical security concerns.

## Freedom from Metallic Constraints:

Escape the shackles of electromagnetic interference (EMI) with our fiber optic cables, designed to thrive in environments rife with metallic components. Whether it's near utility lines, power-carrying cables, or railroad tracks, our fiber optics ensure seamless connectivity even in high-risk areas prone to lightning strikes.

Elevate your connectivity standards with our cutting-edge fiber optic solutions, meticulously crafted to deliver unparalleled performance, security, and resilience. Experience the future of data transmission with our fiber optic cables today!

## Features:

- UPC (Ultra Physical Contact) fiber connectors for a better surface finish and improved return loss
- Compatible with multimode fiber applications
- High bandwidth supporting longer distances
- Cost-effective solution
- Perfect for use in Gigabit Ethernet applications
- LSZH
- Lifetime Warranty

## Specifications:

- Diameters:
  - Core: 50  $\mu\text{m}$
  - Cladding: 125  $\mu\text{m}$
- Fiber type: multimode
- Connectors: LC to LC
- Duplex
- Jacket material: LSZH
- Jacket OD: 3.0 mm
- Jacket color: aqua
- Polishing: UPC
- Ferrule Material: Ceramic
- Operation Temperature Range: -40°C to +75°C
- Bending radius: 15 mm
- Return loss:  $\geq 35\text{dB}$
- Insertion loss:  $\leq 0.25\text{ dB}$

