

0.5 m LC to LC UPC Fiber Optic Patch Cable, 2.0 mm, Duplex, OFNR, OM4 Multimode, Aqua

50/125 µm, Bend Insensitive Multimode Fiber (BIMMF), 1.6 ft

Part No.: 752145

EAN-13: 0766623752145 | UPC: 766623752145

Enjoy unparalleled connectivity with our cutting-edge fiber optic solutions.

Our adaptable connectivity options are the perfect choice for interconnect and cross-connect applications, and they are designed to deliver optimal performance in telecommunications rooms, data centers, entrance facilities, and even at the desk. Our UPC (Ultra Physical Contact) fiber connectors guarantee a superior surface finish and improved return loss, thereby improving the overall quality of your network.

Our OM4 multimode fiber cables are designed for high-speed network connections, providing exceptional performance and reliability. These cables are optimized for short to medium-range applications, excelling in supporting 10G, 40G, and 100G Ethernet, making them ideal for data center environments. With higher bandwidth capabilities and low signal attenuation, our OM4 fiber optics ensure efficient data transmission for demanding network infrastructures. The bend-insensitive design further enhances installation and maintenance efficiency by minimizing attenuation when the cables are twisted or bent.

Our cables are designed to provide exceptional performance characteristics, such as high bandwidth and low attenuation, which are critical for long-distance and high-speed communication. They are made from Corning optical fiber ultra-

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pure glass. Finally, our products are backed by a lifetime warranty, which guarantees that your investment will be safeguarded for years to come. For dependable, high-performance connectivity that endures the test of time, select our fiber optic solutions.

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.
- OM4 Multimode Fiber: Employs OM4 multimode fiber, delivering superior bandwidth and exceptional performance for short to medium-range, high-speed data transmission in enterprise and data center networks. OM4 fiber supports higher data rates and longer distances compared to OM3, making it ideal for demanding applications and future-proofing network infrastructure.
- 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
Bend Radius: 45 mm
Fiber mode: Multi Mode OM4 50/125µm
Wavelength: 850/1310nm
Polarity: A (Tx) to B (Rx)
Cable outer diameter (OD): 2.0mm
Cable jacket: Riser (OFNR)
Ferrule material: Ceramic (zirconia)
Insertion loss: typical ≤0.2dB
Return loss: ≥20dB
Attenuation @ 850 / 1300 nm (dB/km): ≤ 3,2 / ≤ 0,8
Connector durability: 1000 insertion - extraction cycles min.

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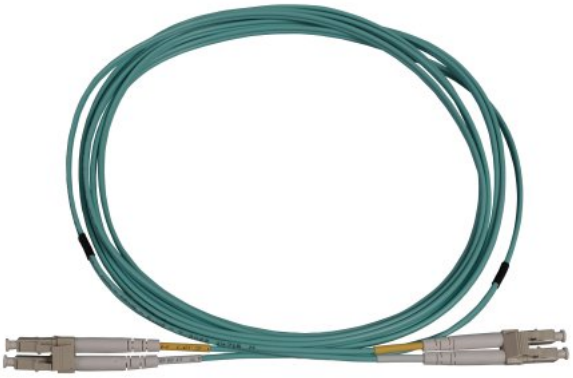
Operation temperature range: -20°C to +75°C













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