



1 m LC to LC UPC Fiber Optic Patch Cable, 2.0 mm, Duplex, OFNR, OM5 Multimode, Lime Green

50/125 μ m, Wideband Bend Insensitive Multimode Fiber (WBMMF), 3.3 ft

Part No.: **752602**

EAN-13: 0766623752602 | UPC: 766623752602

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

Our fiber optic solutions provide robust connectivity for a range of applications. Engineered for adaptability, our connectivity options are suitable for interconnect and cross-connect scenarios, optimized for use in telecommunications rooms, data centers, entrance facilities, and workstation environments.

The UPC (Ultra Physical Contact) fiber connectors ensure a high-quality surface finish and enhanced return loss, thereby improving network performance. Our OM5 multimode fiber cables offer superior performance and flexibility for next-generation, high-speed network applications. Designed to support data rates of 10G, 40G, 100G, and even 400G Ethernet, these cables are optimized for extended short-wavelength division multiplexing (SWDM) technology, making them perfect for modern data centers and enterprise environments. With enhanced bandwidth over longer distances and improved signal attenuation, OM5 fiber cables ensure reliable and efficient data transmission for even the most demanding network infrastructures. The bend-insensitive design further minimizes signal loss during installation and maintenance, ensuring optimal performance in tight spaces and complex configurations.

The bend-insensitive design further enhances installation and maintenance efficiency by minimizing attenuation when cables are twisted or bent. Constructed from Corning optical fiber ultra-pure glass, our cables deliver high bandwidth and low attenuation, essential for long-distance and high-speed communication. These performance characteristics are critical for maintaining the integrity and efficiency of advanced network systems. Additionally, our products are backed by a lifetime warranty, ensuring long-term reliability and safeguarding your investment.

For dependable, high-performance connectivity that meets rigorous technical standards, choose 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.
- **OM5 fiber optic cable** offers higher bandwidth and faster data transmission over short to medium distances with fewer fiber cores.
- **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:

Standards:

- ISO/IEC 11801 OMS
- IEC 60793-2-10 type A1a.4
- TIA/ EIA-492AAAE

Connector type: LC UPC Duplex to LC UPC Duplex

Fiber count: 2 Fibers

Bend Radius: 15 mm

Fiber mode: Multi Mode OM5 50/125µm

Wavelength: 850/1310nm

For more information on Intellinet products, consult your local dealer or visit www.intellinet-network.com.

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Polarity: A (Tx) to B (Rx)

Cable outer diameter (OD): 2.0mm

Cable jacket: Riser (OFNR)

Ferrule material: Ceramic (zirconia)

Insertion loss: typical $\leq 0.3\text{dB}$

Return loss: $\geq 55\text{dB}$

Attenuation @ 850 / 1300 nm (dB/km): $\leq 3,2$ / $\leq 0,8$

Connector durability: 1000 insertion - extraction cycles min.

Operation temperature range: -20°C to $+75^{\circ}\text{C}$



