

# Patch Cord LC UPC to LC UPC 3.00mm Duplex Multimode OM3

Patchcord LC to LC UPC Duplex MPO3 35m in Nepal

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## Variants

35M

## Details

Product Description: Patch Cord LC UPC to LC UPC 3.00mm Duplex 35M MPO3

Introduction: The Patch Cord LC UPC to LC UPC 3.00mm Duplex 35M MPO3 is a high-quality, versatile fiber optic cable designed for efficient data transmission in single-mode applications. Featuring LC UPC (Ultra Physical Contact) connectors on both ends, this duplex patch cord ensures low insertion loss and minimal signal reflection, making it an ideal choice for high-performance networks. The 35-meter length and 3.00mm outer jacket provide flexibility and durability for medium to long-distance fiber optic connections in environments such as data centers, telecommunications, and high-bandwidth network setups. The Duplex configuration allows for bidirectional data transfer, ensuring maximum efficiency in fiber optic systems.

Technical Parameters:

Connector Type: LC UPC to LC UPC (Ultra Physical Contact)

Cable Type: Duplex

Cable Diameter: 3.00mm

Cable Length: 35 meters

Fiber Mode: Single-mode (SM)

Fiber Type: OS2 (Single-Mode Fiber)

Insertion Loss: 0.3 dB (typical)

Return Loss: >50 dB (typical for LC UPC connectors)

Operating Temperature: -40°C to +75°C

Storage Temperature: -40°C to +85°C

Compliance: RoHS Compliant, UL Listed

Attenuation: 0.4 dB/km (at 1310nm)

### Key Features:

**LC UPC to LC UPC Connectors:** The LC UPC connectors on both ends of the patch cord are designed for optimal performance, providing a low-loss, high-precision connection with minimal signal reflection and low insertion loss.

**Duplex Configuration:** The Duplex design allows for bidirectional data transfer, making this patch cord ideal for applications that require two-way communication, such as in networking systems, data centers, and telecommunications.

**3.00mm Durable Jacket:** The 3.00mm outer jacket provides robust protection against environmental factors, including physical damage, bending, and abrasion, while also offering flexibility for easy installation and cable management.

**Single-Mode OS2 Fiber:** The OS2 single-mode fiber ensures minimal signal attenuation over long distances, delivering high-performance transmission and supporting high-speed, high-bandwidth applications.

**Low Insertion Loss & High Return Loss:** Designed to minimize insertion loss and provide a high return loss, this patch cord ensures that your signal remains strong and clear, maintaining network integrity over long distances.

### Product Advantages:

**Optimal Performance for Long-Distance Transmission:** The single-mode OS2 fiber minimizes signal attenuation over 35 meters, ensuring reliable and high-quality data transmission for medium to long-distance connections in backbone networks, data centers, and telecommunications systems.

**Bidirectional Data Transfer:** The Duplex configuration supports two-way data transmission, making it perfect for applications that require simultaneous data send/receive capabilities.

**Superior Signal Quality:** The LC UPC connectors offer excellent signal quality with low insertion loss and high return loss, ensuring minimal signal degradation and uninterrupted data flow.

**Durability and Flexibility:** The 3.00mm jacket provides durability, protecting the fiber optic cable from environmental damage and physical stress, while maintaining flexibility for easy installation in various network setups.

**Versatile Applications:** This patch cord is ideal for use in data centers, telecommunications, network switches, servers, and fiber optic equipment, where high-performance, long-distance fiber optic connectivity is required.

**Cost-Effective Solution:** With durable construction and excellent performance, this patch cord delivers a cost-effective solution for network installations, ensuring reliable and long-lasting connectivity without the need for frequent maintenance or replacements.

The Patch Cord LC UPC to LC UPC 3.00mm Duplex 35M MPO3 offers an excellent solution for high-performance fiber optic installations. Whether used in data centers, telecommunications, or other high-speed network environments, this patch cord ensures reliable, low-loss data transmission over long distances, making it a perfect choice for both current and future fiber optic infrastructure needs.

**Here are some related patch cord links below:**

**[Patchcord LC to LC UPC Simplex 3.00mm 35M:](#)**

**[Patchcord LC to LC UPC Simplex MPO3 35m](#)**