Patch Cord LC UPC to LC UPC 3.00mm Duplex Multimode MM OM4

Variants

5M 2.00mm 30M 3.00mm 20M 3.00mm 1M 3.00mm 15M 3.00mm 10M 3.00mm
2M 3.00mm 3M 3.00mm 5M 3.00mm

Details

The **OM4 Fiber Patch Cord** is a premium-quality **50/125µm multimode duplex optical patch cable** designed for high-speed Ethernet, storage area networks (SAN), enterprise networks, and modern data centers. Featuring **LC UPC duplex connectors** on both ends and bend-insensitive OM4 fiber, it delivers reliable low-loss optical performance for 10G, 25G, 40G, 100G, and higher-speed network applications.

Manufactured using high-quality optical fiber and precision ceramic ferrules, the patch cord provides excellent insertion loss, durability, and stable signal transmission for mission-critical networking environments.

Fiber Type	**OM4**
Connector	

LC UPC

Fiber Count

Duplex

Insertion Loss

? 0.3 dB

Key Features

? OM4 50/125µm Bend Insensitive Multimode Fiber

? LC UPC Duplex Connectors

? Supports 10G, 25G, 40G & 100G Ethernet

? Low Insertion Loss & Stable Optical Performance

? High Durability (1000+ Mating Cycles)

? Suitable for Data Centers & Enterprise Networks

? OFNR Riser Rated Jacket

? Factory Tested for Reliable Performance

Technical Specifications

Parameter	Specification

Product Type	OM4 Fiber Patch Cord
Connector A	LC UPC Duplex
Connector B	LC UPC Duplex
Fiber Count	2 Fibers (Duplex)
Fiber Mode	OM4 50/125µm Multimode
Fiber Grade	Bend Insensitive Fiber
Operating Wavelength	850 / 1300 nm
Cable Type	Tight Buffered
Cable Diameter	2.0 mm / 3.0 mm
Polarity	A (Tx) to B (Rx)
Flame Rating	OFNR (Riser)
Minimum Bend Radius (Fiber)	7.5 mm
Minimum Bend Radius (Cable)	20D (Dynamic) / 10D (Static)
Tensile Strength	90 N (Long Term) / 150 N (Short Term)
Connector Durability	? 1000 Mating Cycles
Insertion Loss	? 0.3 dB
Return Loss	? 30 dB

Attenuation @ 850nm	? 3.5 dB/km
Attenuation @ 1300nm	? 1.5 dB/km

Applications

10G / 25G / 40G / 100G Ethernet

Data Centers

Enterprise Networks

Storage Area Networks (SAN)

Switch-to-Switch Connections

Server & Router Connectivity

Telecommunication Networks

High-Speed Optical Infrastructure

Available Options:

Connector: LC UPC Duplex to LC UPC Duplex
Cable Diameter: 2.0mm / 3.0mm
Length: Please select the required cable length before ordering.

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