

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

Variants

1M 3.00mm 15M 3.00mm 10M 3.00mm 2M 3.00mm 3M 3.00mm 30M 3.00mm
20M 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
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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.