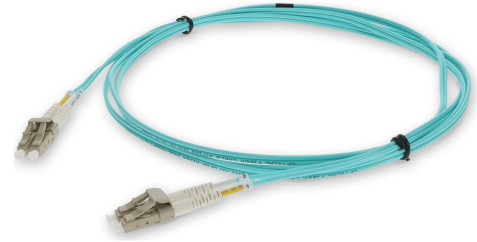**ADD-LC-LC-1M50M4**

1m LC (Male) to LC (Male) Straight Aqua OM4 Duplex OFNR (Riser-Rated) Laser Optimized Multi-Mode Fiber (LOMM) Patch Cable

Features

- Designed for 10Gig Ethernet applications, OM4 Rated
- LC/LC connectors
- Backward compatible with legacy optical LAN
- Maximum 10Gb distance of 300 meters at 850NM
- OFNR (Riser-rated) cable jacket type
- 1m length
- Ideal for Fiber Channel (SAN) application
- IEEE 802.3ae and TIA LOMM compliant
- Use with VCSEL and LED laser light sources

Product Description

This is a 1.0m (3.28ft) LC (male) to LC (male) aqua OM4 Duplex riser-rated patch straight cable that is used for high speed data transfer. An OM4 cable has a core size of 50m microns that supports 10 Gigabit Ethernet at lengths measuring up to 550 meters, and 100 Gigabit Ethernet measuring up to 150 meters and is reverse compatible with OM3. This riser (OFNR) cable is best suited for use in interior fiber-optic applications. Duplex cabling provides two-strands of fiber and is most commonly used in applications that utilize one lane to transmit and one lane to receive. Our patch cables are 100% compliant for all of your networking needs and are guaranteed by federal law to not affect or void OEM warranties.

Specifications

Parameter	Specifications
Application	Patch
Cable Mode	Duplex
Connector	LC (Male) to LC (Male)
Standard	OM4
Fiber Type	LOMM
Strand Count	2
Core/Cladding	50/125µm
Color	Aqua
Jacket Type	Riser
Fiber Termination	PC - Physical Contact
Termination Type	Straight
Length (ft)	3.28
Length (m)	1
Media	Fiber
Storage Temperature	-40°C to 75°C
Operation Temperature	-40°C to 75°C
Insertion Loss	≤0.3dB/0.5dB (MTRJ)
Return Loss	≥35dB
Durability (500 Matings)	≤0.2dB Increase (Maximum)

About AddOn Networks

In 1999, AddOn Networks entered the market with a single product. Our founders fulfilled a severe shortage for compatible, cost-effective optical transceivers that compete at the same performance levels as leading OEM manufacturers. Adhering to the idea of redefining service and product quality not previously had in the fiber optic networking industry, AddOn invested resources in solution design, production, fulfillment, and global support.

Combining one of the most extensive and stringent testing processes in the industry, an exceptional free tech support center, and a consistent roll-out of innovative technologies, AddOn has continually set industry standards of quality and reliability throughout its history.

Reliability is the cornerstone of any optical fiber network and is in engrained in AddOn's DNA. It has played a key role in nurturing the long-term relationships developed over the years with customers. AddOn remains committed to exceeding industry standards with certifications from ranging from NEBS Level 3 to ISO 9001:2005 with every new development while maintaining the signature reliability of its products.

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