ADD-LC-LC-XM5OM4
LC (Male) to LC (Male) Aqua OM4 Duplex Fiber OFNR (Riser-Rated) 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) Standard
- Ideal for Fibre Channel (SAN) application
- IEEE 802.3ae and TIA LOMM compliant
- Use with VCSEL and LED laser light sources

Product Description

This is an LC (male) to LC (male) aqua duplex riser-rated fiber patch cable. 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 optical fiber, nonconductive, riser (OFNR) cable is best suited for use in interior fiber-optic applications. A duplex cable is a two-strand fiber optic patch cable that works best with transceivers that both transmit and receive. Our patch cables are 100% compliant for all of your networking needs. Our products are guaranteed by federal law to not affect or void OEM warranties.

Order Information

Part Number	Description
ADD-LC-LC-1M5OM4	1m LC (Male) to LC (Male) Aqua OM4 Duplex Fiber OFNR (Riser-Rated) Patch Cable
ADD-LC-LC-2M5OM4	2m LC (Male) to LC (Male) Aqua OM4 Duplex Fiber OFNR (Riser-Rated) Patch Cable
ADD-LC-LC-3M5OM4	3m LC (Male) to LC (Male) Aqua OM4 Duplex Fiber OFNR (Riser-Rated) Patch Cable
ADD-LC-LC-4M5OM4	4m LC (Male) to LC (Male) Aqua OM4 Duplex Fiber OFNR (Riser-Rated) Patch Cable
ADD-LC-LC-5M5OM4	5m LC (Male) to LC (Male) Aqua OM4 Duplex Fiber OFNR (Riser-Rated) Patch Cable
ADD-LC-LC-8M5OM4	8m LC (Male) to LC (Male) Aqua OM4 Duplex Fiber OFNR (Riser-Rated) Patch Cable
ADD-LC-LC-10M5OM4	10m LC (Male) to LC (Male) Aqua OM4 Duplex Fiber OFNR (Riser-Rated) Patch Cable
ADD-LC-LC-12M5OM4	12m LC (Male) to LC (Male) Aqua OM4 Duplex Fiber OFNR (Riser-Rated) Patch Cable
ADD-LC-LC-15M5OM4	15m LC (Male) to LC (Male) Aqua OM4 Duplex Fiber OFNR (Riser-Rated) Patch Cable
ADD-LC-LC-20M5OM4	20m LC (Male) to LC (Male) Aqua OM4 Duplex Fiber OFNR (Riser-Rated) Patch Cable

Applications	OM1 (MMF)		OM3 (MMF)		OM4 (MMF)		OS2 (SMF)	
	850nm	1300nm	850nm	1300nm	850nm	1310nm	1310nm	1550nm
ATM 622Mbps	300m	500m	300m	500m			2000m	
Fiber Channel 1062Mbps	300m		500m				2000m	
FDDI		2000m		2000m		2000m		
100Base-FX Ethernet		2000m		2000m		2000m		
1000Base-SX Ethernet	275m		550m		1000m			
1000Base-LX Ethernet	550m			>500m		>500m	5000m	
10GBase-LX4 Ethernet		300m					1000m	
10GBase-SR/SW Ethernet	33m		300m		550m		1000m	40000m
40GBase-SR/LR Ethernet			300m		400m			
100GBase-SR Ethernet			100m		150m			
100GBase-LR Ethernet							1000m	40000m

Type	Single-mode			Multimode
Polishing	PC		APC	PC
Insertion Loss	≤ 0.2dB (Typical ≤0.1dB)			≤ 0.3dB/0.5dB (MTRJ)
Return Loss (each channel)	≥ 45dB	≥55dB	≥60dB	≥ 35dB
Durability (500 matings)	≤ 0.2dB increase (Max)			
Operating Temperature	-40°C~+75°C			
Storage Temperature	-40°C~+75°C			

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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