

ADD-LC-LC-3M5OM3LZ

3m LC (Male) to LC (Male) Aqua OM3 Duplex Fiber LSZH Patch Cable

Features

- Designed for 10Gig Ethernet applications, OM3 Rated
- LC/LC connectors
- Backward compatible with legacy optical LAN
- LSZH G652D Jacket
- 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 a 3m LC (male) to LC (male) aqua duplex LSZH fiber patch cable. An OM3 cable has a core size of 50 microns that supports 10 Gigabit Ethernet at lengths measuring up to 300 meters, and 40 Gigabit or 100 Gigabit Ethernet measuring up to 100 meters. This optical fiber, nonconductive, LSZH 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.

Applications	OM1 (MMF)		OM3 (MMF)		OM4 (MMF)		OS1 (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			

Type	Single-mode			Multimode
Polishing	PC		APC	PC
Insertion Loss	$\leq 0.2\text{dB}$ (Typical $\leq 0.1\text{dB}$)			$\leq 0.3\text{dB}/0.5\text{dB}$ (MTRJ)
Return Loss (each channel)	$\geq 45\text{dB}$	$\geq 55\text{dB}$	$\geq 60\text{dB}$	$\geq 35\text{dB}$
Durability (500 matings)	$\leq 0.2\text{dB}$ increase (Max)			
Operating Temperature	$-20^{\circ}\text{C}\sim+75^{\circ}\text{C}$			
Storage Temperature	$-40^{\circ}\text{C}\sim+75^{\circ}\text{C}$			

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 ingrained 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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