C-LC-LC-15M5OM3LZ

15m LC (Male) to LC (Male) Aqua OM3 Duplex LSZH Laser Optimized Multi-Mode Fiber LSZH-Rated 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 15m LC (male) to LC (male) aqua duplex LSZH-rated 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	≤ 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	-20°C~+75°C			
Storage Temperature	-40°C~+75°C			

Technical Specifications

Parameter	Specification
Application	Patch
Cable Mode	Duplex
Compatible OEM	Industry Standard
Color	Aqua
Connector	LC (Male) to LC (Male)
Core/Cladding	50/125µm
Fiber Termination	PC - Physical Contact
Jacket Type	LSZH
Fiber Type	LOMM
Length (ft)	49.2
Length (m)	15
Media	Fiber
Standard	OM3

About ProLabs

Our experience comes as standard; for over 15 years ProLabs has delivered optical connectivity solutions that give our customers freedom and choice through our ability to provide seamless interoperability. At the heart of our company is the ability to provide state-of-the-art optical transport and connectivity solutions that are compatible with over 90 optical switching and transport platforms.

Complete Portfolio of Network Solutions

ProLabs is focused on innovations in optical transport and connectivity. The combination of our knowledge of optics and networking equipment enables ProLabs to be your single source for optical transport and connectivity solutions from 100Mb to 400G while providing innovative solutions that increase network efficiency. We provide the optical connectivity expertise that is compatible with and enhances your switching and transport equipment.

Trusted Partner

Customer service is our number one value. ProLabs has invested in people, labs and manufacturing capacity to ensure that you get immediate answers to your questions and compatible product when needed. With Engineering and Manufacturing offices in the U.K. and U.S. augmented by field offices throughout the U.S., U.K. and Asia, ProLabs is able to be our customers best advocate 24 hours a day.

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