

C-LC-LC-150M50M3LZ

150m LC (Male) to LC (Male) Straight Aqua OM3 Duplex LSZH Fiber Patch Cable

Features

- Designed for 10Gig Ethernet applications, OM3 Rated
- LC/LC connectors
- Backward compatible with legacy optical LAN
- LSZH Jacket
- 150m (492.1ft) Length
- IEEE 802.3ae and TIA LOMM compliant
- $\leq 0.3\text{dB}$ Insertion Loss
- $\geq 35\text{dB}$ Return Loss
- Operating Temperature: $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$

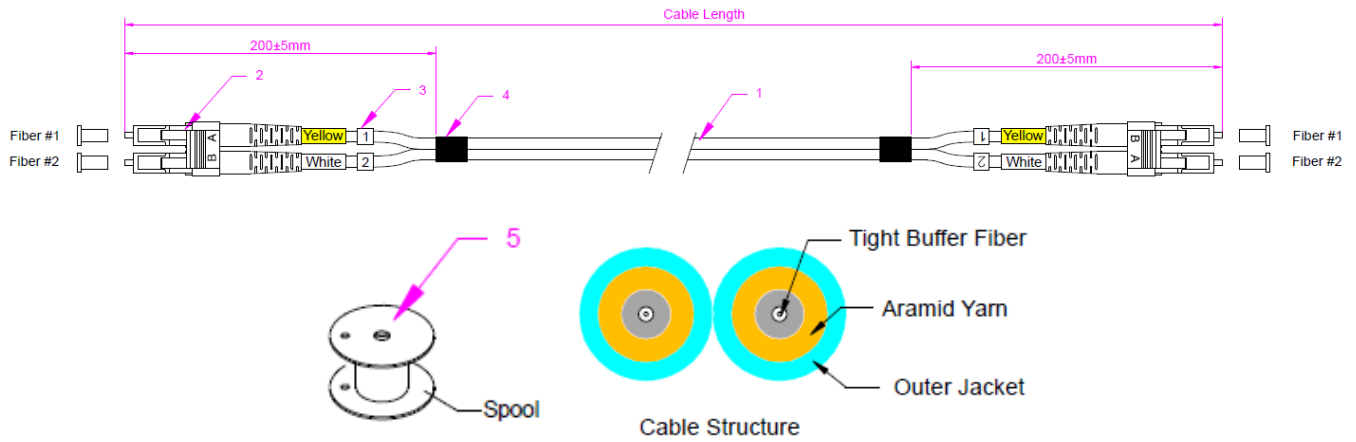
Product Description

This is a 150.0m (492.1ft) LC (male) to LC (male) aqua OM3 duplex LSZH-rated patch straight cable that is used for high speed data transfer. An OM3 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. Duplex cabling provides two-stands 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.

Technical Specifications

Parameter		Specification
Application		Patch
Cable Mode		Duplex
Color		Aqua
Connector		LC (Male) to LC (Male)
Core/Cladding		50/125 μ m
Fiber Type		LOMM
Jacket Type		LSZH
Length (ft)		492.1
Length (m)		150
Media		Fiber
Standard		OM3
Strand Count		2
Termination Type		Straight
Cable Diameter		2.0mm
Tensile Strength	Long Term	70 N
	Short Term	150 N
Bending Radius	Static	10 D
	Dynamic	20 D
Attenuation		@850nm \leq 3.5dB/km
		@1300nm \leq 1.5dB/km
Crush Resistance	Long Term	200 N/100mm
	Short Term	1000 N/100mm
Insertion Loss		\leq 0.3dB
Return Loss		\geq 35dB
Tolerance		150m*1%
Operating Temperature		-20°C to 70°C
Storage Temperature		-20°C to 70°C

Mechanical Specifications



Item	Quantity	Specifications
1	A/R	OD: 2.0mm. Multi-mode 50/125 OM3-150. Duplex. Fiber Optic Cable. LSZH. Color: Aqua.
2	2	LC/UPC MM 2.0mm Duplex Connector (Beige Housing 19mm White Boot).
3	4	Cable Marker.
4	2	Black Shrinkage Tube.
5	1	Spool.

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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