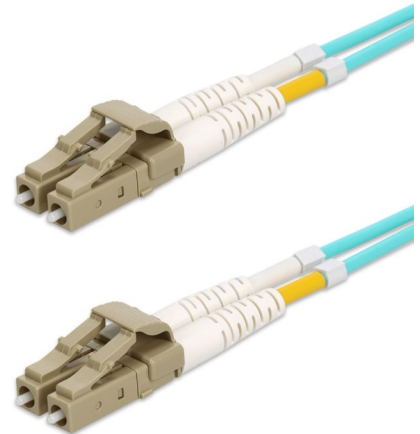


C-LC-LC-7M5OM4LZ

7m LC to LC Aqua OM4 Duplex LSZH Fiber Patch Cable

Features

- LC/LC connectors
- OM4 Rated Cable
- 50/125 Multi-Mode Fiber Patch Cable
- LSZH Jacket
- Color: Aqua
- Operating Temperature: -20°C to 60°C
- Insertion Loss: $\leq 0.2\text{dB}$
- Return Loss: $\geq 35\text{dB}$



Product Description

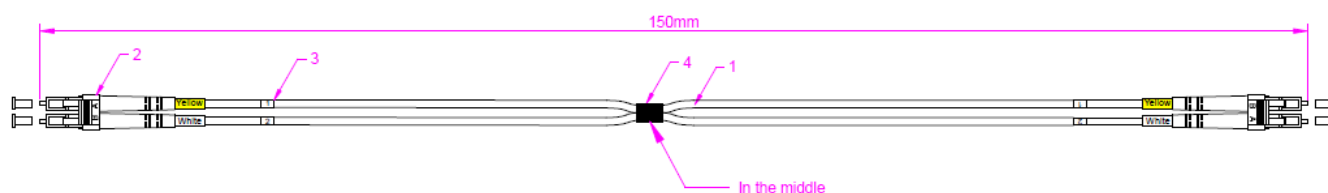
This is a 7m LC to LC Aqua OM4 Duplex LSZH Fiber Patch Cable. OM4 fiber optic cable is a high-performance multimode fiber optimized for high-speed data transmission, supporting up to 100G over distances of up to 150 meters. Ideal for data centers and large-scale network infrastructures, it delivers superior bandwidth and reliability for demanding business applications. LSZH (Low Smoke Zero Halogen) fiber cable jackets are designed to minimize toxic smoke and harmful emissions in the event of a fire, making them ideal for enclosed or high-traffic areas. These cables provide enhanced safety and environmental protection, making them a popular choice for businesses prioritizing workplace safety and eco-friendly infrastructure. The Standard Boot option provides reliable and straightforward connections for fiber cables, making it an economical choice for various networking applications. Ideal for businesses that require dependable performance without the complexity, this option ensures consistent data transmission in everyday network setups. Our cables are TIA compliant, ensuring performance for all networking needs.

Specifications

Parameter	Specification
Environment	Indoor
Fiber Type	MMF
Connector	LC (Male) to LC (Male)
Color	Aqua
Shielded	No
Strand Count	2
Cable Mode	Duplex
Jacket Type	LSZH
Termination Type	Crossover
Core/Cladding	50/125µm
Fiber Termination	UPC - Ultra Physical Contact
Polarity	Type A-B
Cable Type	OM4
Armored	No
Bend Insensitivity	G.657.A1
Connector 1 Ferrule Polish	UPC (Ultra Physical Contact)
Connector 2 Ferrule Polish	UPC (Ultra Physical Contact)
Insertion Loss Grade	Grade C
Fire Rating	General Purpose (OFNG)
Jacket Material	LSZH (Low Smoke Zero Halogen)
Outer Diameter	2.0mm
Connector 1 Boot Style	Standard Boot
Connector 2 Boot Style	Standard Boot
Connector 1 Color	Beige
Connector 2 Color	Beige
Insertion Loss	≤0.2dB
Return Loss	≥35dB
Long Term Tensile Strength	70N
Short Term Tensile Strength	150N
Static Bending Radius	10D
Dynamic Bending Radius	20D
Attenuation	@850nm ≤3.5dB/km
	@1300nm ≤1.5dB/km
Long Term Crush Resistance	220 N/100mm
Short Term Crush Resistance	1000 N/100mm
Storage Temperature	-20°C to +60°C

Operating Temperature	-20°C to +60°C
Cable Tolerance	
Cable Length <1m	5cm
1m≤ Cable Length <15m	10cm
15m≤ Cable Length <30m	15cm
Cable Length ≥30m	Cable Length* 1%

Mechanical Specifications



1	OD:2.0mm, Multimode 50/125 OM4, Duplex, Fiber Optic Cable, Color: Aqua, LSZH
2	LC/UPC MM 2.0mm Duplex Connector(Beige Housing White Boot).
3	Cable Marker.
4	Black Shrinkage Tube.

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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