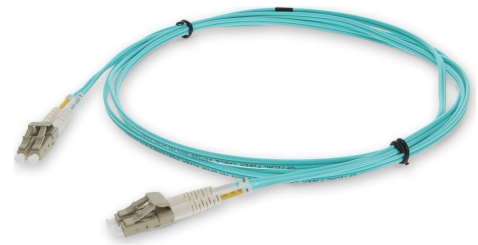**PRO-LC-LC-1M5OM4**

1m LC (Male) to LC (Male) Straight Aqua OM4 Duplex OFNR (Riser-Rated) Laser Optimized Multi-Mode Fiber (LOMM) 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) cable jacket type
- 1m length
- Ideal for Fiber Channel (SAN) application
- IEEE 802.3ae and TIA LOMM compliant
- Use with VCSEL and LED laser light sources

Product Description

This is a 1.0m (3.28ft) LC (male) to LC (male) aqua OM4 Duplex riser-rated patch straight cable that is used for high speed data transfer. 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 riser (OFNR) cable is best suited for use in interior fiber-optic applications. Duplex cabling provides two-strands 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.

Specifications

Parameter	Specifications
Application	Patch
Cable Mode	Duplex
Connector	LC (Male) to LC (Male)
Standard	OM4
Fiber Type	LOMM
Strand Count	2
Core/Cladding	50/125µm
Color	Aqua
Jacket Type	Riser
Fiber Termination	PC - Physical Contact
Termination Type	Straight
Length (ft)	3.28
Length (m)	1
Media	Fiber
Storage Temperature	-40°C to 75°C
Operation Temperature	-40°C to 75°C
Insertion Loss	≤0.3dB/0.5dB (MTRJ)
Return Loss	≥35dB
Durability (500 Matings)	≤0.2dB Increase (Maximum)
Parameter	Specification
Application	Connectors
Standard	Cat6
Connector	Non-Terminated
Color	Red
Strand Count	8
Cable Mode	Connector
Jacket Type	PVC
Termination Type	Straight
Boot Type	Booted, Snagless
Media	Connector

About Us:

Proline Options is one of North America's leading providers of transceivers and high speed cabling. With a reputation for quality, tested products that cover the connectivity spectrum, Proline Options has a solution for you regardless of the specification.

At Proline Options, every product is tested in its intended application - never batch or spec tested only. We run bandwidth, distance and IOS network tests. We have documented an impressive 0.03% failure rate over the last 10 years. To continue this rate of success we invest millions annually in our own on-site testing lab.

Tel: 855.933.3223
Email: sales@prolineoptions.com
Email: techsupport@prolineoptions.com
Web: https://www.prolineoptions.com