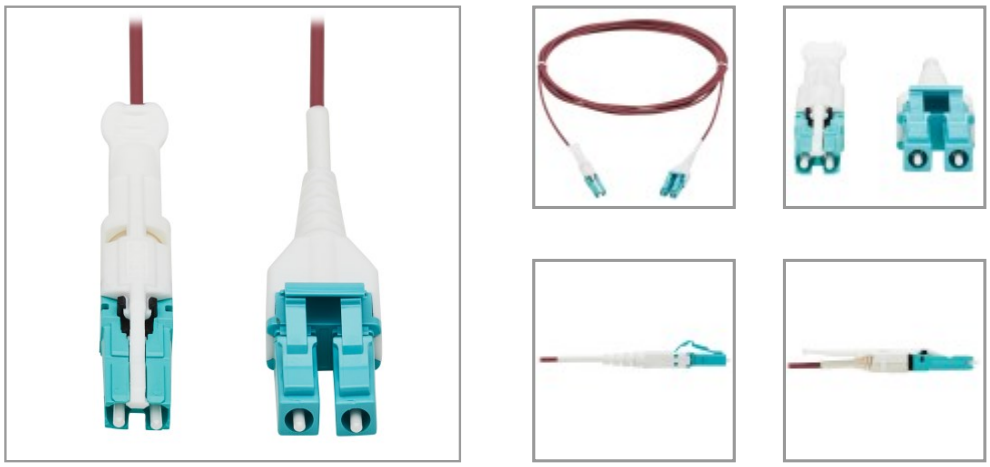
400G Duplex Multimode 50/125 OM4 Fiber Optic Cable (CS-PC/LC-PC), Round LSZH Jacket, Magenta, 5 m

MODEL NUMBER: **N822L-05M-MG**



400 GbE Ethernet cable supports high bandwidths necessary for next-generation cloud services, hyperscale data centers and telecom carriers.

Highlights

- OM4-rated cable recommended for 400 Gb speeds up to 100 m (@ 850 nm)
- CS connector 40% more dense than standard LC end for easier cable management
- Smaller-format CS end designed for next-generation 400G QSFP-DD transceivers
- Backward compatible with 40/100 GbE networks to facilitate future-proofing
- Magenta LSZH jacket allows fast, easy identification in a crowded switch or patch panel

Applications

- Connect 400G fiber Ethernet networks in your cloud service, hyperscale data center or telecom application

Package Includes

- N822L-05M-MG 400Gb Duplex Multimode 50/125 OM4 Fiber Optic Cable, Magenta, 5 m

Features

400 GbE Cable Supports Higher Bandwidths Needed for Next-Gen Data Networking
As the amount of traffic in data networks grows, so does the need for next-generation devices and fiber cables to support much higher bandwidths in cloud services, hyperscale data centers, telecom applications and equipment OEM companies. This duplex multimode 50/125 OM4 cable is an ideal choice for 400G Ethernet applications up to 100 meters (at 850 nm). It is also backward compatible with 40 Gb and 100 Gb networks, so you can future-proof your current application for an eventual upgrade to 400 Gb.

Compact CS Connector Designed for the Latest QSFP-DD Transceivers
The CS end is 40 percent smaller than a standard LC connector, making it compatible with the latest 400G QSFP-DD transceivers and an excellent solution for high-density network applications. A push/pull tab allows dense vertical stacking in switches or patch panels where space is at a premium and makes the cable easy to install or remove with one hand.

Magenta Jacket Helps Avoid Misidentification That Can Cause Costly Downtime
The OM4-rated cable has a magenta jacket, which is easy to identify quickly in a crowded patch panel or switch and helps prevent the cable from becoming accidentally disconnected. The round low-smoke zero-halogen (LSZH) jacket limits the amount of toxic smoke emitted in case of combustion, making it suitable for poorly ventilated areas.

Specifications

OVERVIEW	
UPC Code	037332258090
Technology	Multimode
Optical Mode	OM4
CONNECTIONS	

Side A - Connector 1	CS DUPLEX (MALE)
Side B - Connector 1	LC DUPLEX (MALE)
Endface Polish	PC
PHYSICAL	
Cable Jacket Color	Magenta
Connector Color	White; Aqua
Cable Jacket Material	LSZH
Cable Jacket Rating	OFNR
Clad Diameter (microns)	125
Core Diameter (microns)	50
Primary Coating Diameter (microns)	600
Number of Fibers	2
Cable Length (ft.)	16.4
Cable Length (m)	5.00
Cable Length (in.)	196.9
Minimum Bend Radius	20 mm (Dynamic); 10 mm (Static)
Fiber Cable Length	5M (16.4 ft)
ENVIRONMENTAL	
Operating Temperature Range	-4° to 140°F (-20° to 60°C)
Storage Temperature Range	-4° to 140°F (-20° to 60°C)
Operating Humidity Range	5% to 85% RH, Non-Condensing
Storage Humidity Range	35% to 65% RH, Non-Condensing
COMMUNICATIONS	
Network Compatibility	1 Gbps (Gigabit); 10 Gbps; 25 Gbps; 40 Gbps; 100 Gbps
Transmission Distance	100M @ 850NM Wavelength
Attenuation @ 850NM	3.0 dB/km
Insertion Loss	CS 0.20 dB; LC 0.20 dB
FEATURES & SPECIFICATIONS	
Push/Pull Tabs	Yes
Breakout	No
Trunk	No
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; REACH

WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Lifetime limited warranty

1000 Eaton Boulevard
Cleveland, OH 44122
United States
https://tripplite.eaton.com

© 2025 Eaton. All Rights Reserved.
Eaton is a registered trademark. All other trademarks
are the property of their respective owners.