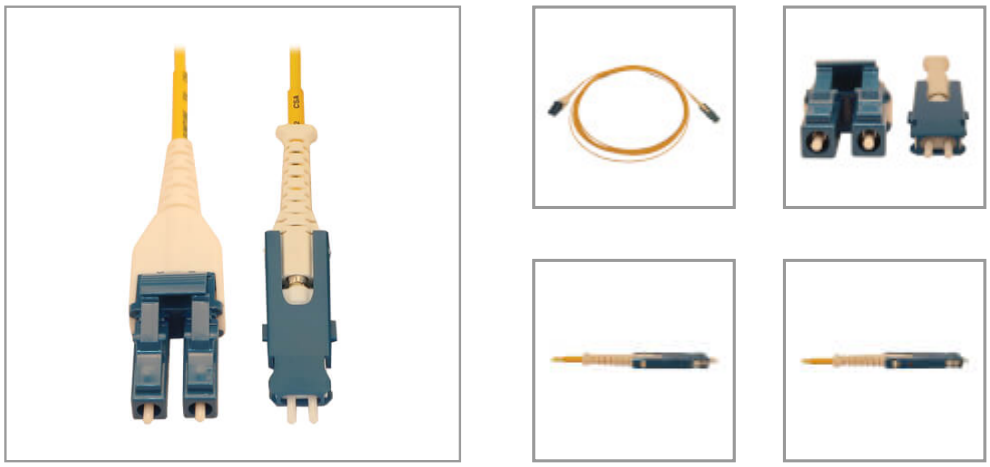
40/100/400G Singlemode 9/125 OS2 Fiber Optic Cable (Duplex SN-UPC to Duplex LC-UPC M/M), LSZH, Yellow, 3 m (9.8 ft.)

MODEL NUMBER: **N383L-03M**



40/100/400 GbE Ethernet cable supports high bandwidths necessary for next-gen cloud services, hyperscale data centers and telecom carriers.

Highlights

- Duplex SN connector optimized for the latest 400 Gb OSFP/QSFP-DD transceivers
- Space-saving SN plug is 4x smaller than duplex LC for easier cable management
- Switchable SN connector allows polarity conversion without tools or re-termination
- Backward compatible with 40/100 Gb networks to facilitate future-proofing
- Yellow LSZH jacket allows fast, easy identification in a crowded switch or patch panel

Package Includes

N383L-03M 40/100/400G Singlemode 9/125 OS2 Fiber Cable, Yellow, 3 m (9.8 ft.)

Features

40/100/400 GbE Cable Supports High Bandwidths for High-Density Data Networking
The N383L-03M is a premium singlemode fiber optic cable that supports 400 Gb Ethernet speeds for transmitting data and voice signals. Its high bandwidth is ideal for hyperscale, edge, enterprise and colocation data center interconnect (DCI) applications where density and speed are both very important. This OS2 cable 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 SN Connector Designed for the Latest OSFP/QSFP-DD Transceivers
One cable end features an SN connector, which is four times smaller than the standard duplex LC connector on the other end. The SN connector provides individual and independent duplex fiber support for an OSFP/QSFP-DD transceiver. The push/pull boot encourages dense vertical stacking within a crowded patch panel or switch and makes the cable easy to install or remove with just one hand. The switchable SN/UPC duplex end lets you make quick polarity changes in the field without tools or the need to re-terminate the connectors.

Yellow-Colored Jacket Helps Avoid Misidentification That Can Cause Costly Downtime
The OS2-rated cable has a yellow jacket to identify it as singlemode in a crowded patch panel or switch and prevent it 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	037332274489
Technology	Fiber; Singlemode
Optical Mode	OS2

Mode Type	Singlemode
CONNECTIONS	
Side A - Connector 1	SN DUPLEX (MALE)
Side B - Connector 1	LC DUPLEX (MALE)
Endface Polish	UPC
Switchable Polarity	Yes
PHYSICAL	
Cable Jacket Color	Yellow
Connector Color	Blue; White
Cable Jacket Material	LSZH
Cable Jacket Rating	OFNR
Cable Outer Diameter (OD)	1.60 mm
Clad Diameter (microns)	125.0
Core Diameter (microns)	9.0
Primary Coating Diameter (microns)	245.0
Number of Fibers	2
Cable Length (ft.)	9.8
Cable Length (m)	2.99
Cable Length (in.)	118.1
Minimum Bend Radius	20 mm (Dynamic); 10 mm (Static)
Fiber Cable Length	3M (9.8 ft)
ENVIRONMENTAL	
Operating Temperature Range	14° to 140°F (-10° to 60°C)
Storage Temperature Range	14° to 140°F (-10° to 60°C)
Operating Humidity Range	5% to 85% RH, Non-Condensing
Storage Humidity Range	5% to 85% RH, Non-Condensing
COMMUNICATIONS	
Network Compatibility	1 Gbps (Gigabit); 10 Gbps; 25 Gbps; 40 Gbps; 100 Gbps; 400 Gbps
Wavelength	1310nm; 1550nm
Attenuation @ 1310NM	0.40 dB/km
Attenuation @ 1550NM	0.30 dB/km
Insertion Loss	0.30 dB
FEATURES & SPECIFICATIONS	

Push/Pull Tabs	No
Breakout	No
Trunk	No
Optical Port	LC; SN
STANDARDS & COMPLIANCE	
Product Certifications	UL 1651
Product Compliance	RoHS; CE (Europe); REACH
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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