400G Duplex Singlemode 9/125 OS2 Switchable Fiber Optic Cable (LC/UPC M/M), LSZH, Yellow, 7 m (23 ft.)

MODEL NUMBER: **N370X-07M**









400 GbE Ethernet cable with switchable LC connectors supports high bandwidths necessary for enterprise applications in wiring closets, telecom rooms and data centers.

Highlights

- OS2-rated cable recommended for 100 Gb speeds up to 100 meters (@ 1550 nm)
- Switchable LC connectors allow polarity conversion without tools or re-termination
- Backward compatible with 10/25/40 Gb networks to facilitate future-proofing
- Yellow LSZH jacket allows fast, easy identification in a crowded switch or patch panel

Package Includes

N370X-07M 400G Duplex Singlemode 9/125 OS2 Switchable Fiber Optic Cable, Yellow, 7 m (23 ft.)

Features

40/100/400 GbE Cable Supports Higher Bandwidths for High-Density Data Networking
The N370X-07M is a premium multimode fiber optic cable that supports 400 Gb Ethernet speeds for transmitting data and voice signals over short distances. It is designed to support higher bandwidths for high-density patching between data center MDFs and IDFs in enterprise installations. This singlemode 9/125 OS2 cable is an ideal choice for 100 Gb Ethernet applications up to 100 meters (328 feet) at 1550 nm. It is also backward compatible with 10 Gb and 25 Gb networks, so you can future-proof your current application for an eventual upgrade to 100 Gb or 400 Gb.

Switchable Connectors Allow Easy Polarity Conversions
The switchable LC/UPC duplex ends let you easily switch the fiber polarity without tools or the need to re-terminate the connectors.

Yellow 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	037332271839
Technology	Singlemode
Optical Mode	OS2
Mode Type	Singlemode

CONNECTIONS	
Side A - Connector 1	LC DUPLEX (MALE)
Side B - Connector 1	LC DUPLEX (MALE)
Endface Polish	UPC
Switchable Polarity	Yes
PHYSICAL	
Cable Jacket Color	Yellow
Connector Color	Blue
Cable Jacket Material	LSZH
Cable Jacket Rating	OFNR
Cable Outer Diameter (OD)	2.0 +/- 0.1 mm x 4.1 +/- 0.2 mm
Clad Diameter (microns)	125.0
Core Diameter (microns)	9.0
Primary Coating Diameter (microns)	600.0
Number of Fibers	2
Cable Length (ft.)	22.96
Cable Length (m)	7.00
Cable Length (in.)	275.59
Minimum Bend Radius	20 mm (Dynamic); 10 mm (Static)
Fiber Cable Length	7M (23 ft)
ENVIRONMENTAL	
Operating Temperature Range	-4° to 140°F (-20° to 60°C)
Storage Temperature Range	-4° to 140°F (-20° to 60°C)
Relative Humidity	5% to 85% RH, Non-Condensing
COMMUNICATIONS	
Network Compatibility	1 Gbps (Gigabit); 10 Gbps; 40 Gbps; 100 Gbps; 400 Gbps
Attenuation @ 1310NM	0.4 dB/km
Attenuation @ 1550NM	0.3 dB/km
Insertion Loss	0.30 dB
FEATURES & SPECIFICATIONS	
Optical Port	LC
STANDARDS & COMPLIANCE	

Product Certifications	UL 1666
Product Compliance	RoHS; CE (Europe); REACH
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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