400G Singlemode 9/125 OS2 Fiber Optic Cable (Duplex SN-UPC M/M), LSZH, Yellow, 2 m (6.6 ft.)
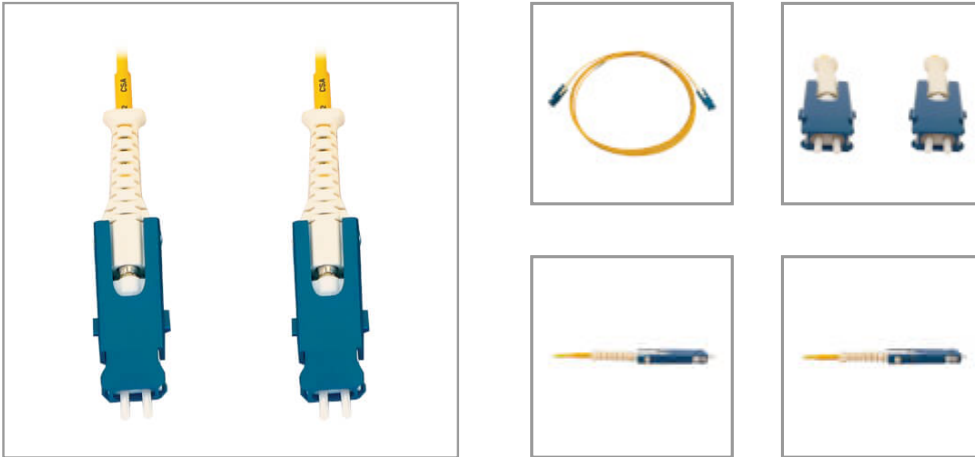
MODEL NUMBER: **N383S-02M**

Highlights

- Duplex SN connectors optimized for the latest 400 Gb OSFP/QSFP-DD transceivers
- Space-saving SN plugs are 4x smaller than standard LC for easier cable management
- Switchable connectors permit polarity conversion without tools or re-termination
- Compact push/pull boots allow easy installation/removal with just one hand
- Yellow LSZH jacket allows fast identification in a crowded switch or patch panel

Package Includes

N383S-02M 400G Singlemode 9/125 OS2 Fiber Cable, Yellow, 2 m (6.6 ft.)

400 GbE Ethernet cable supports high bandwidths necessary for next-gen hyperscale, edge, enterprise and colocation DCI applications.

Features

400 GbE Cable Supports High Bandwidths for High-Density Data Networking
The N383S-02M 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.

Compact SN Connectors Designed for the Latest OSFP/QSFP-DD Transceivers
This 400 Gb cable features duplex SN connectors on both ends. SN connectors are four times smaller than standard LC connectors and provide individual and independent duplex fiber support for OSFP/QSFP-DD transceivers. Push/pull boots encourage dense vertical stacking within a crowded patch panel or switch and make the cable easy to install or remove with just one hand. The switchable SN/UPC ends let 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	037332274434
Technology	Fiber; Singlemode
Optical Mode	OS2
Mode Type	Singlemode

CONNECTIONS	
Side A - Connector 1	SN DUPLEX (MALE)
Side B - Connector 1	SN 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.)	6.6
Cable Length (m)	2.01
Cable Length (in.)	78.7
Minimum Bend Radius	20 mm (Dynamic); 10 mm (Static)
Fiber Cable Length	2M (6.6 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	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	SN

STANDARDS & COMPLIANCE	
Product Certifications	UL 1651
Product Compliance	RoHS; CE (Europe); REACH

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