Powering Business Worldwide

TRIPP LITE SERIES

40/100G Singlemode 9/125 OS2 Fiber Optic Cable (12F MTP/MPO-APC F/F), LSZH, Yellow, 3 m (9.8 ft.)

MODEL NUMBER: **N390B-03M-12-AP**

40/100 GbE Ethernet cable 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)
- MTP/MPO APC connectors minimize back reflection with low insertion loss
- Backward compatible with 10/25/40 Gb networks to facilitate future-proofing
- Yellow LSZH jacket allows fast, easy ID in a crowded switch or patch panel

Package Includes

N390B-03M-12-AP 40/100G Singlemode 9/125 OS2 Fiber Optic Cable, Yellow, 3 m (9.8 ft.)

Features

100 GbE Cable Supports Higher Bandwidths Needed for Data Networking
As the amount of traffic in data networks grows, so does the need for devices and fiber cables to support higher bandwidths in enterprise applications in wiring closets, telecom rooms and data centers. This singlemode 9/125 OS2 cable is an ideal choice for 100G Ethernet applications up to 100 meters (328 feet) at 1550 nm. It is also backward compatible with 10 Gb, 25 Gb and 40 Gb networks, so you can future-proof your current application for an eventual upgrade to 100 Gb.

100% Tested for Low Insertion Loss and Back Reflection
The 12-fiber MTP/MPO APC connectors with green housings help minimize back reflection with low insertion loss.

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	037332272096
Technology	Fiber; Singlemode
Optical Mode	OS2
CONNECTIONS	

Side A - Connector 1	12F MPO (FEMALE)
Side B - Connector 1	12F MPO (FEMALE)
Endface Polish	APC
PHYSICAL	
Cable Jacket Color	Yellow
Connector Color	Black
Cable Jacket Material	LSZH
Cable Jacket Rating	OFNR
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.)	117.6
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)
Relative Humidity	5% to 85% RH, Non-Condensing
COMMUNICATIONS	
Network Compatibility	100 Gbps; 40 Gbps; 400 Gbps
Wavelength	1310nm; 1550nm
Attenuation @ 1310NM	0.40 dB/km
Attenuation @ 1550NM	0.30 dB/km
Insertion Loss	0.70 dB
FEATURES & SPECIFICATIONS	
Optical Port	MPO/MTP
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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