- Singlemode can support 40GBASE-PLR4/100GBASE-PSM4 in applicable parallel optics networks

MTP/MPO (APC) Singlemode Patch Cable (F/F), 12 Fiber, 40/100 GbE, QSFP+ 40GBASE-PLR4, Plenum, Push/Pull Tab, Yellow, 3 m (10 ft.)

MODEL NUMBER: **N390-03M-12-AP**

Highlights

- Push/pull tab connectors easily install/remove with one hand
- 12-fiber MTP/MPO connectors with 12x density of SC connectors
- 100% tested for low insertion loss and back reflection
- Angled APC connectors protect laser against destabilization
- Yellow color for easy singlemode identification

Package Includes

- N390-03M-12-AP MTP/MPO Singlemode Patch Cable (F/F), Yellow, 3 m

Premium 8.3/125 singlemode fiber optic cabling for transmitting 40/100 Gb data and voice signals over long distances. Designed for enterprise applications in wiring closets, telecom rooms and data centers.

Description

The N390-03M-12-AP MTP/MPO Singlemode Patch Cable (F/F) supports 40/100 Gb Ethernet speeds and is designed for QSFP+ applications in enterprise installations in wiring closets, telecom rooms and data centers. With two female MTP/MPO connectors, this singlemode fiber optic cable with plenum-rated jacket is recommended for connecting switches, hubs, routers and other high-speed network components in ceilings, walls and ducts.

The 12-fiber MTP/MPO connectors are about the same size as SC connectors, but are 12 times denser, freeing up rack space for other cables. The APC connectors are angled to prevent infrared light entering the fiber from bouncing back into the laser. The N390-03M-12-AP is tested for low insertion loss and back reflection on every connector and attenuation loss that meets or exceeds current standards.

The N390-03M-12-AP is colored yellow for instant identification in a crowded switch or patch panel as a singlemode cable. Push/pull tab connectors are easily accessible in high-density data center environments and make the plug-and-play cable easy to install and remove with one hand.

Features

8.3/125 Rated Singlemode Cable for 40/100 Gb Ethernet Applications

- Designed for enterprise applications in wiring closets, telecom rooms and data centers
- Recommended for QSFP+ applications in enterprise installations
- Plenum-rated jacket suited for ceilings, walls and ducts

- Yellow-colored for identification as a singlemode cable

MTP/MPO APC Connectors with Push/Pull Tabs

- 12-fiber female connectors 12 times denser than SC connectors

- APC connector angled to prevent light from reflecting back into laser

- Push/pull tabs easy to install and remove with one hand

- 100% tested for low insertion loss and back reflection

Specifications

OVERVIEW	
UPC Code	037332205377
Clad Diameter	125 micron
Core Diameter	8.3 micron
Number of Fibers	12

INPUT	
Cable Length (ft.)	9.8
Cable Length (m)	3
Cable Length (in.)	118.1

PHYSICAL	
Color	Yellow
Shipping Dimensions (hwd / cm)	22.86 x 17.78 x 1.27
Shipping Dimensions (hwd / in.)	9.00 x 7.00 x 0.50
Shipping Weight (kg)	0.04
Shipping Weight (lbs.)	0.08

ENVIRONMENTAL	
Operating Temperature Range	-4 to 140 F (-20 to 60 C)
Storage Temperature Range	-4 to 140 F (-20 to 60 C)

COMMUNICATIONS	
Network Speed	10Gbps / 40Gbps / 100Gbps

CONNECTIONS	
Side A - Connector 1	12-STRAND MTP (FEMALE)
Side B - Connector 1	12-STRAND MTP (FEMALE)

FEATURES & SPECIFICATIONS	
Technology	MTP/MPO; Singlemode
SPECIAL FEATURES	
Push/Pull Tabs	Yes
WARRANTY	
Product Warranty Period (Worldwide)	Lifetime limited warranty