

**Important Note**

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, 2 m (6.6 ft.)**

MODEL NUMBER: **N390-02M-12-AP**



Premium 9/125 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.

**Features**

**9/125 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	037332205353
Technology	Singlemode

**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**

- N390-02M-12-AP MTP/MPO Singlemode Patch Cable (F/F), Yellow, 2 m

Optical Mode	OS2
<b>PHYSICAL</b>	
Cable Jacket Color	Yellow
Connector Color	Green; Black
Cable Jacket Material	PVC
Cable Jacket Rating	OFNP
Clad Diameter (microns)	125
Core Diameter (microns)	9
Number of Fibers	12
Cable Length (ft.)	6.6
Cable Length (m)	2.01
Cable Length (in.)	78.7
Minimum Bend Radius	20 mm (Dynamic); 10 mm (Static)
Shipping Dimensions (hwd / in.)	9.00 x 7.00 x 0.50
Shipping Dimensions (hwd / cm)	22.86 x 17.78 x 1.27
Shipping Weight (lbs.)	0.06
Shipping Weight (kg)	0.03
Fiber Cable Length	2M (6.6 ft)
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	-4° to 140°F (-20° to 60°C)
Storage Temperature Range	-4° to 140°F (-20° to 60°C)
Operating Humidity Range	5% to 85% RH, Non-Condensing
Storage Humidity Range	35% to 65% RH, Non-Condensing
<b>COMMUNICATIONS</b>	
Network Compatibility	40 Gbps; 100 Gbps; 400 Gbps
Attenuation @ 1310NM	0.36 dB/km
Attenuation @ 1550NM	0.22 dB/km
Insertion Loss	0.70 dB
<b>CONNECTIONS</b>	
Side A - Connector 1	12-STRAND MTP/MPO (FEMALE)
Side B - Connector 1	12-STRAND MTP/MPO (FEMALE)
Endface Polish	APC

FEATURES & SPECIFICATIONS	
Push/Pull Tabs	Yes
Breakout	No
Trunk	No
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; REACH
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	Lifetime limited warranty