

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

## **MTP/MPO (APC) to 8xLC (UPC) Singlemode Breakout Patch Cable, 40/100 GbE, QSFP+ 40GBASE-PLR4, Plenum, Yellow, 5 m (16 ft.)**

**MODEL NUMBER: N390-05M-8LC-AP**



Premium 8.3/125 singlemode fiber optic cabling for transmitting 40/100 Gb data and voice signals. Designed for high-density fiber patching between data center MDFs and IDFs in enterprise installations.

### **Features**

#### **9/125 Rated Singlemode Cable for 40/100 Gb Ethernet Applications**

- Designed for high-density fiber patching between data center MDFs and IDFs in enterprise installations
- Optimized for QSFP+ 40GBASE-PLR4 and QSFP28 100GBASE-PSM4 networks
- Plenum-rated jacket suited for ceilings, walls and ducts
- Yellow-colored for identification as a singlemode cable

#### **MTP/MPO APC and LC Duplex UPC Connectors with Push/Pull Tabs**

- MTP/MPO female connector and 8 LC duplex male connectors—no splicing required
- 12-fiber MTP/MPO connector 12 times denser than SC connector
- APC connector angled to prevent light from reflecting back into laser
- UPC connector with premium-grade ceramic ferrule for 10 GbE and faster applications
- Push/pull tabs easy to install and remove with one hand

#### **Error-Free Signal Transfer**

- Fully transmits 40GBASE-PLR4 with 4 fibers transmitting at 10 Gbps in each direction
- 100% tested for low insertion loss and back reflection
- Slim, space-saving uniboot design easier to manage in crowded applications

### **Highlights**

- Push/pull tab connectors install/remove with one hand
- 12-fiber MTP/MPO connectors with 12x density of SC connectors
- Slim space-saving uniboot design for easy cable management
- Angled APC connectors protect laser against destabilization
- Yellow color for quick singlemode identification

### **Package Includes**

- N390-05M-8LC-AP MTP/MPO to 8xLC Singlemode Breakout Patch Cable, Yellow, 5 m



**Tripp Lite**  
1111 W. 35th Street  
Chicago, IL 60609 USA  
Telephone: 773.869.1234  
[www.tripplite.com](http://www.tripplite.com)

## Specifications

OVERVIEW	
UPC Code	037332205605
Technology	MTP/MPO; Singlemode
PHYSICAL	
Color	Yellow
Clad Diameter	125 micron
Core Diameter	9 micron
Number of Fibers	12
Cable Length (ft.)	16.4
Cable Length (m)	5
Cable Length (in.)	196.9
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)	0.10
Shipping Weight (lbs.)	0.21
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 A - Connector 2	(8) LC DUPLEX (MALE) WITH PULL/PUSH TAB
Side B - Connector 1	(8) LC DUPLEX (MALE) WITH PULL/PUSH TAB
FEATURES & SPECIFICATIONS	
Cable Style	Plenum Rated
SPECIAL FEATURES	
Push/Pull Tabs	Yes
WARRANTY	



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Product Warranty Period (Worldwide)	Lifetime limited warranty
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