

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

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

Specifications

| OVERVIEW | |
|--------------|--------------|
| UPC Code | 037332205353 |
| Technology | Singlemode |
| Optical Mode | OS2 |

| CONNECTIONS | |
|---------------------------------|---------------------------------|
| Side A - Connector 1 | 12F MPO (FEMALE) |
| Side B - Connector 1 | 12F MPO (FEMALE) |
| Endface Polish | APC |
| Polarity | Type B (cross) |
| PHYSICAL | |
| 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) |
| ENVIRONMENTAL | |
| 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 |
| COMMUNICATIONS | |
| 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 |
| FEATURES & SPECIFICATIONS | |



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SERIES

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

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