

### Important Note

OM3 can support 40GBASE-SR4 / 100GBASE-SR10 in applicable parallel optics networks.

## MTP/MPO Patch Cable with Push/Pull Tabs, 12 Fiber, 40GbE, 40GBASE-SR4, OM3 Plenum-Rated - Aqua, 2M (6 ft.)

MODEL NUMBER: **N844-02M-12-P**



### Highlights

- Hi-density MTP/MPO 12-fiber connectors for reduced cabling
- Push/Pull tab connectors offer maximum accessibility in high density installations; install / remove with one hand
- OM3 rated 50/125 Multimode
- Supports to 40GbE speeds

### Package Includes

- 2 Meter MTP / MPO Patch Cable, 12 Fiber, 40GbE Aqua OM3 Plenum

### Features

- MTP / MPO Push-Pull Connectors for Quick Fiber Optic connections
- Push/Pull tab connectors offer maximum accessibility in high density installations; install / remove with one hand
- 12 times the density of SC style connectors
- High Density design cuts down on installation costs
- 50/125 OM3 Rated Multimode Fiber, 850nm
- Plenum rated jacket
- Unique cable ID label for Quality Control and Traceability
- Each cable 100% tested for low insertion loss and back reflection
- Test data supplied with each cable
- Custom lengths available

## Specifications

| OVERVIEW     |              |
|--------------|--------------|
| UPC Code     | 037332173720 |
| Technology   | Multimode    |
| Optical Mode | OM3          |

| <b>PHYSICAL</b>                      |                                 |
|--------------------------------------|---------------------------------|
| Cable Jacket Color                   | Aqua                            |
| Connector Color                      | Aqua; Black                     |
| Cable Jacket Material                | PVC                             |
| Cable Jacket Rating                  | OFNP                            |
| Clad Diameter (microns)              | 125                             |
| Core Diameter (microns)              | 50                              |
| 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.)      | 7.00 x 9.00 x 0.50              |
| Shipping Dimensions (hwd / cm)       | 17.78 x 22.86 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 @ 850NM                  | 3.0 dB/km                       |
| Insertion Loss                       | 0.35 dB                         |
| <b>CONNECTIONS</b>                   |                                 |
| Side A - Connector 1                 | 12-STRAND MTP/MPO (FEMALE)      |
| Side B - Connector 1                 | 12-STRAND MTP/MPO (FEMALE)      |
| Endface Polish                       | PC                              |
| <b>FEATURES &amp; SPECIFICATIONS</b> |                                 |
| Push/Pull Tabs                       | Yes                             |

|                                     |                           |
|-------------------------------------|---------------------------|
| Breakout                            | No                        |
| Trunk                               | No                        |
| <b>STANDARDS &amp; COMPLIANCE</b>   |                           |
| Product Compliance                  | RoHS; REACH               |
| <b>WARRANTY &amp; SUPPORT</b>       |                           |
| Product Warranty Period (Worldwide) | Lifetime limited warranty |