

These Type-A Polarity cables are designed for P568-000-FBR and P580F-000 video extender products.

## 40/100/400G Multimode 50/125 OM3 Fiber Optic Cable (8F MPO/MPO-PC F/F), Type-A Polarity, OFNP, Aqua, 20 m (65.6 ft.)

MODEL NUMBER: N844A-20M-8-P



40/100/400 GbE Ethernet cable extends high-density connections between network components in enterprise applications in wiring closets, telecom rooms and data centers.

### Features

#### 40/100/400 GbE Cable Supports Higher Bandwidths for High-Density Data Networking

The N844A-20M-8-P is a premium multimode fiber optic cable that supports 400 Gb Ethernet speeds for transmitting data and voice signals over short distances. It is designed to support higher bandwidths for high-density patching between data center MDFs and IDF's in enterprise installations. This multimode 50/125 OM3 cable is an ideal choice for 100 Gb Ethernet applications up to 100 meters (328 feet) at 1300 nm. It is also backward compatible with 10 Gb and 25 Gb networks, so you can future-proof your current application for an eventual upgrade to 100 Gb or 400 Gb.

#### Aqua-Colored Jacket Helps Avoid Misidentification That Can Cause Costly Downtime

The OM3-rated cable has an aqua jacket to identify it as multimode in a high-density application and prevent it from becoming accidentally disconnected. The OFNP plenum-rated jacket complies with code requirements during commercial installations, making the N844A-20M-8-P ideal for network installers, facility integrators and government contractors. The MPO push-pull connectors allow easy one-handed installation and removal.

#### Easy to Pair with Eaton Tripp Lite Series Fiber Extenders

The N844A-20M-8-P is compatible with P580-Series termination kits for MPO fiber cabling, including P568-000-FBR (HDMI) and P580F-000 (DisplayPort), sold separately.

## Specifications

OVERVIEW	
UPC Code	037332294517
Technology	Multimode
Optical Mode	OM3

### Highlights

- OM3-rated cable recommended for 400 Gb speeds up to 100 meters (@ 1300 nm)
- Backward compatible with 10/25/40/100 Gb networks to facilitate future-proofing
- Aqua OFNP jacket provides fast, easy identification in a high-density application
- Push/pull tab connectors allow convenient one-handed installation and removal

### Package Includes

N844A-20M-8-P 40/100/400G Multimode 50/125 OM3 Fiber Optic Cable, Type-A Polarity, Aqua, 20 m (65.6 ft.)



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Mode Type	Multimode
<b>CONNECTIONS</b>	
Side A - Connector 1	8F MPO (FEMALE)
Side B - Connector 1	8F MPO (FEMALE)
Endface Polish	PC
Polarity	Type A (straight through)
<b>PHYSICAL</b>	
Color	Aqua
Cable Jacket Color	Aqua
Connector Color	Aqua; Black
Cable Jacket Material	PVC
Cable Jacket Rating	OFNP
Cable Outer Diameter (OD)	3.0 mm
Clad Diameter (microns)	125.0
Core Diameter (microns)	50.0
Primary Coating Diameter (microns)	245.0
Number of Fibers	8
Cable Length (ft.)	65.62
Cable Length (m)	20.01
Cable Length (in.)	196.9
Minimum Bend Radius	20 mm (Dynamic); 10 mm (Static)
Shipping Dimensions (hwd / in.)	9.00 x 7.00 x 0.50
Shipping Weight (kg)	0.17
Unit Dimensions (hwd / in.)	9.000 x 7.000 x 0.500
Fiber Cable Length	20M (65.6 ft)
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	14° to 140°F (-10° to 60°C)
Storage Temperature Range	14° to 140°F (-10° to 60°C)
Relative Humidity	5% to 85% RH, Non-Condensing
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



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Wavelength	1300nm; 850nm
Attenuation @ 850NM	3.5 dB/km
Attenuation @ 1300NM	1.5 dB/km
Insertion Loss	0.50 dB
Return Loss	20 dB
<b>FEATURES &amp; SPECIFICATIONS</b>	
Push/Pull Tabs	Yes
Breakout	No
Trunk	No
Optical Port	MPO/MTP
<b>STANDARDS &amp; COMPLIANCE</b>	
Product Compliance	RoHS; REACH
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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