

MPO w/ pins to MPO w/ pins, 8 fiber, Type A, OM3 50/125µm  
Multimode, OFNR Jacket, Aqua, 10 meter

## MPMM8OM3AR-10

### Features

- MPO Patch Cable, Male MPO (w/ pins) to Male MPO (w/ pins)
- 3.0mm, round OFNR jacketing
- Type A Polarity, (KEY UP KEY DOWN)
- Fully compatible with US Conec MTP products
- Indoor Multimode OM3

### Applications

- Data Centers/Enterprise Networking
- Server connectivity
- 40Gbps Ethernet

### Description

L-com's MPMM8OM3AR-10 is a fiber optic patch cable assembly that is suitable for data centers/enterprise networking, server connectivity, and 40 Gbps Ethernet applications. This aqua blue fiber optic cable is equipped with MPO (w/ pins) male to MPO (w/ pins) male connectors. Our patch cable assembly has a type A (key up, key down) polarity. This fiber optic cable assembly is available in a length of 10 meters.

This MPO (w/ pins) male to MPO (w/ pins) male cable comes with a multimode OM3 fiber and has a fiber diameter of 50/125 µm. The MPMM8OM3AR-10 fiber optic patch cable from L-com features an OFNR-rated jacket. Our fiber optic cable assembly can be customized in different lengths to fit specific installation needs, ensuring efficient network management in high-density setups without compromising delivery time or quality. Additional dimensions, specifications, and CAD drawings for this cable can be found on its downloadable PDF datasheet.

L-com has one of the largest in-stock selections of fiber optic patch cables for international and domestic orders. Make your online purchase right now to take advantage of our same-business-day shipping. We are committed to delivering excellent service to support our customers in maintaining the continuity and reliability of their networks. For further information on similar products, our expert technical support and knowledgeable sales team can help you get the ideal multimode OM3 fiber optic cable for your requirements.

### Configuration

|                     |                  |
|---------------------|------------------|
| Function            | Patch            |
| Cable Type          | Base-8 Multimode |
| Mode                | Multimode        |
| Mode Class          | OM3              |
| Fiber Diameter      | 50/125 µm        |
| Connection 1 Type   | MPO (w/ pins)    |
| Connection 1 Gender | Male             |
| Connection 1 Polish | UPC              |
| Connection 2 Type   | MPO (w/ pins)    |
| Connection 2 Gender | Male             |
| Connection 2 Polish | UPC              |
| Cable Color         | Aqua Blue        |

### Optical Specifications

| Description       | Minimum | Typical | Maximum | Units |
|-------------------|---------|---------|---------|-------|
| Return Loss - MPO | 20      |         |         | dB    |

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### Optical Specifications

| Description          | Minimum | Typical | Maximum | Units |
|----------------------|---------|---------|---------|-------|
| Insertion Loss - MPO |         |         | 0.75    | dB    |

### Mechanical Specifications

#### Cable Assembly

|                |                  |
|----------------|------------------|
| Length         | 10 m [393.70 in] |
| Width/Diameter | 3 mm             |

#### Cable

|  |        |
|--|--------|
| Cable Type                                 | Patch  |
| Polarity                                   | Type A |
| Static Bend Radius                         | 30 mm  |
| Dynamic Bend Radius                        | 60 mm  |
| Max Crush Resistance, Short Term (N/100mm) | 500    |
| Max Crush Resistance, Long Term (N/100mm)  | 100    |

### Connectors

| Description      | Connector 1        | Connector 2        |
|------------------|--------------------|--------------------|
| Type             | MPO (w/ pins) Male | MPO (w/ pins) Male |
| Connector Polish | UPC                | UPC                |

### Environmental Specifications

|                                |                  |
|--------------------------------|------------------|
| Operating Range Temperature    | -40 to +75 deg C |
| Ingress Protection (IP) Rating | Non-Rated        |

**Compliance Certifications** (see [product page](#) for current document)

### Plotted and Other Data

Notes:

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## MPMM8OM3AR-10

### Typical Performance Data

### How to Order

Part Number Configuration:

**MPMM8OM3AR**

**-XX**

**UU**

Unit of Measure:

F = Feet

<blank> = Meters

Lengths

Base Number

Example: MPMM8OM3AR-12 = 12 meters long cable  
MPMM8OM3AR-10F = 10 feet long cable

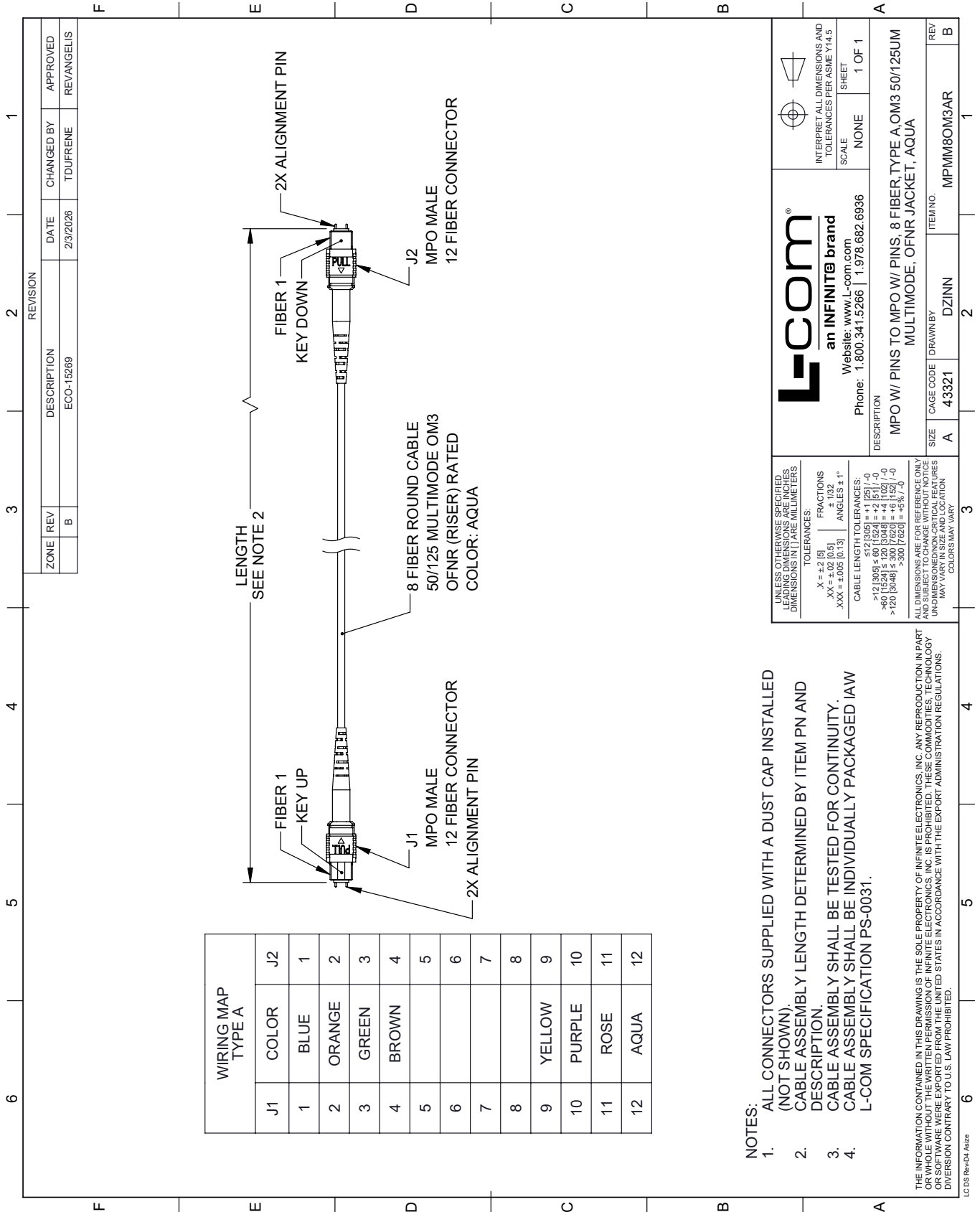
MPO w/ pins to MPO w/ pins, 8 fiber, Type A, OM3 50/125µm Multimode, OFNR Jacket, Aqua, 10 meter from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

URL: <https://www.l-com.com/fiber-optic-mpo-w-pins-to-mpo-w-pins-8-fibertype-aom3-50-125um-multimode-ofnr-jacket-aqua-10-meter>

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# MPMM8OM3AR-10 CAD Drawing

MPO w/ pins to MPO w/ pins, 8 fiber, Type A, OM3 50/125µm Multimode, OFNR Jacket, Aqua, 10 meter



- NOTES:
- ALL CONNECTORS SUPPLIED WITH A DUST CAP INSTALLED (NOT SHOWN).
  - CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION.
  - CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
  - CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IAW L-COM SPECIFICATION PS-0031.

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