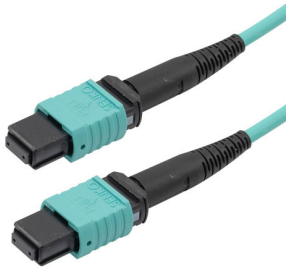
# Fiber patch cable MPO female to MPO female, 12 fiber MMF OM3 type A, LSZH rated, 3 meter



## MPFF12OM3AZ-3

### Features

- Fiber Optic Patch Cable Assembly
- MPO Female to MPO Female
- Cable Type: Multimode OM3
- Cable Jacket: LSZH (Low Smoke, Zero Halogen) rated
- Cable Length: 3 meters

### Applications

- Ethernet
- LAN
- Server Farms
- Voice/Video/Data

### Description

L-com's MPFF12OM3AZ-3 is a fiber optic patch cable assembly that is suitable for Ethernet, LAN, server farms, and voice/video/data applications. This aqua blue fiber optic cable is equipped with MPO(w/o pins)female to MPO(w/o pins)female 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 3 meters.

This MPO(w/o pins)female to MPO(w/o pins)female cable comes with a multimode OM3 fiber and has a fiber diameter of 50/125µm. The MPFF12OM3AZ-3 fiber optic patch cable from L-com features an LSZH-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-12 Multimode |
| Mode | Multimode |
| Mode Class | OM3 |
| Fiber Diameter | 50/125 µm |
| Connection 1 Type | MPO (w/o pins) |
| Connection 1 Gender | Female |
| Connection 1 Polish | PC |
| Connection 1 Option | KEY UP |
| Connection 2 Type | MPO (w/o pins) |
| Connection 2 Gender | Female |
| Connection 2 Polish | PC |
| Connection 2 Option | KEY DOWN |
| Cable Color | Aqua Blue |

### Optical Specifications

| Description | Minimum | Typical | Maximum | Units |
|---|---|---|---|---|
| Return Loss - MPO | 30 | | | dB |



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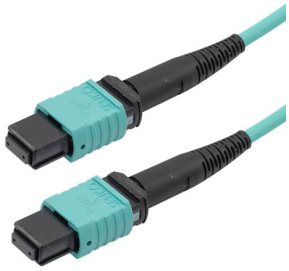

## MPFF12OM3AZ-3

### Optical Specifications

| Description | Minimum | Typical | Maximum | Units |
|---|---|---|---|---|
| Insertion Loss - MPO | | | 0.5 | dB |

### Mechanical Specifications

**Cable Assembly**

| | |
|---|---|
| Length | 3 m [118.11 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/o pins) Female | MPO (w/o pins) Female |
| Configuration | Straight | Straight |
| Connector Polish | PC | PC |

### Environmental Specifications

| | |
|---|---|
| Operating Range Temperature | -20 to +70 deg C |
| Storage Range Temperature | -40 to +70 deg C |

### Compliance Certifications (see product page for current document)

### Plotted and Other Data

Notes:


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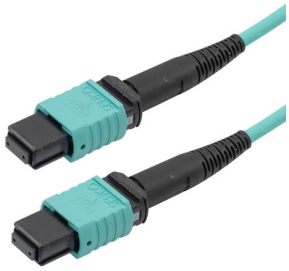

## MPFF12OM3AZ-3

### Typical Performance Data

### How to Order

Part Number Configuration: **MPFF12OM3AZ** **-XX** **UU**

- UU — Unit of Measure:
  F = Feet
  <blank> = Meters
- -XX — Lengths
- MPFF12OM3AZ — Base Number

Example: MPFF12OM3AZ-12 = 12 meters long cable
MPFF12OM3AZ-10F = 10 feet long cable

Fiber patch cable MPO female to MPO female, 12 fiber MMF OM3 type A, LSZH rated, 3 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-patch-cable-mpo-female-mpo-female-12-fiber-mmf-om3-type-a-lszh-rated-1-meter-mpff12om3az-3

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# MPFF12OM3AZ-3 CAD Drawing

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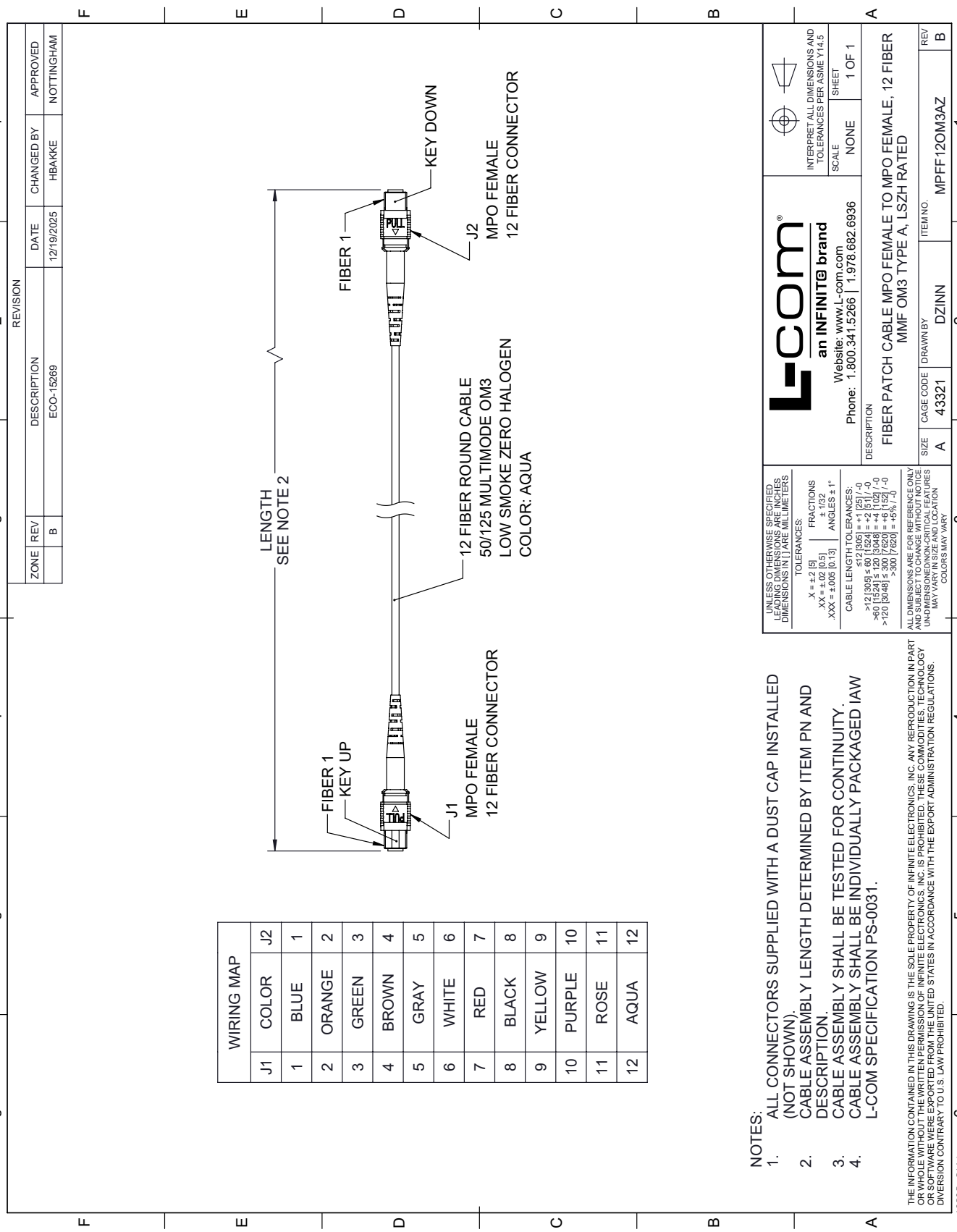




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