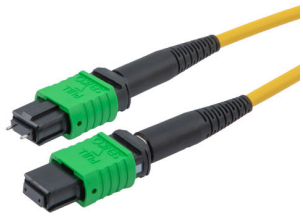
# MPO w/ pins to MPO no pins, 24 Fiber, Type B, 9/125µm SMF OS2, OFNP Jacket, 5 Meter



## MPMF24SMBP-5

### Features

- MPO Male (w/pins) to MPO Female (w/o pins)
- Single Mode 9/125µm OS2 Fiber
- 24 Fiber
- Type B Polarity (Key Up, Key Up)
- OFNP Plenum-rated Jacket

### Applications

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

### Description

L-com's MPMF24SMBP-5 is a fiber optic patch cable assembly that is suitable for Ethernet, LAN, server farms, and voice/video/data applications. This yellow fiber optic cable is equipped with MPO (w/ pins) male to MPO (w/o pins) female connectors. Our patch cable assembly has a type B (key up, key up) polarity. This fiber optic cable assembly is available in a length of 5 meters.

This MPO (w/ pins) male to MPO (w/o pins) female cable comes with a single mode OS2 fiber and has a fiber diameter of 9/125µm. The MPMF24SMBP-5 fiber optic patch cable from L-com features an OFNP-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 single mode OS2 fiber optic cable for your requirements.

### Configuration

| | |
|---|---|
| Function | Patch |
| Cable Type | Base-24 Single Mode |
| Mode | Single Mode |
| Mode Class | OS2 |
| Fiber Diameter | 9/125 µm |
| Connection 1 Type | MPO (w/ pins) |
| Connection 1 Gender | Male |
| Connection 1 Polish | APC |
| Connection 2 Type | MPO (w/o pins) |
| Connection 2 Gender | Female |
| Connection 2 Polish | APC |
| Cable Color | Yellow |

### Optical Specifications

| Description | Minimum | Typical | Maximum | Units |
|---|---|---|---|---|
| Return Loss - MPO | 60 | | | dB |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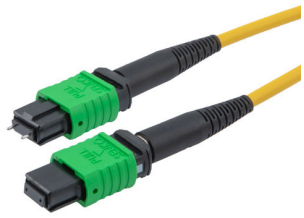

## MPMF24SMBP-5

### Optical Specifications

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

### Mechanical Specifications

**Cable Assembly**

| | |
|---|---|
| Length | 5 m [196.85 in] |
| Width/Diameter | 3 mm |

**Cable**

| | |
|---|---|
| Cable Type | Patch |
| Polarity | Type B |
| 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/o pins) Female |
| Connector Polish | APC | APC |

### Environmental Specifications

| | |
|---|---|
| Operating Range Temperature | 0 to +60 deg C |
| Storage Range Temperature | -20 to +60 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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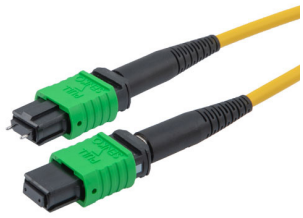

## MPMF24SMBP-5

### Typical Performance Data

### How to Order

Part Number Configuration: **MPMF24SMBP** **-XX** **UU**

- UU — Unit of Measure: F = Feet, <blank> = Meters
- -XX — Lengths
- MPMF24SMBP — Base Number

Example: MPMF24SMBP-12 = 12 meters long cable
MPMF24SMBP-10F = 10 feet long cable

MPO w/ pins to MPO no pins, 24 Fiber, Type B, 9/125µm SMF OS2, OFNP Jacket, 5 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/mpo-w-pins-to-mpo-no-pins-24-fiber-type-b-9-125-smf-os2-ofnp-5-meter-mpmf24smbp-5

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# MPMF24SMBP-5 CAD Drawing

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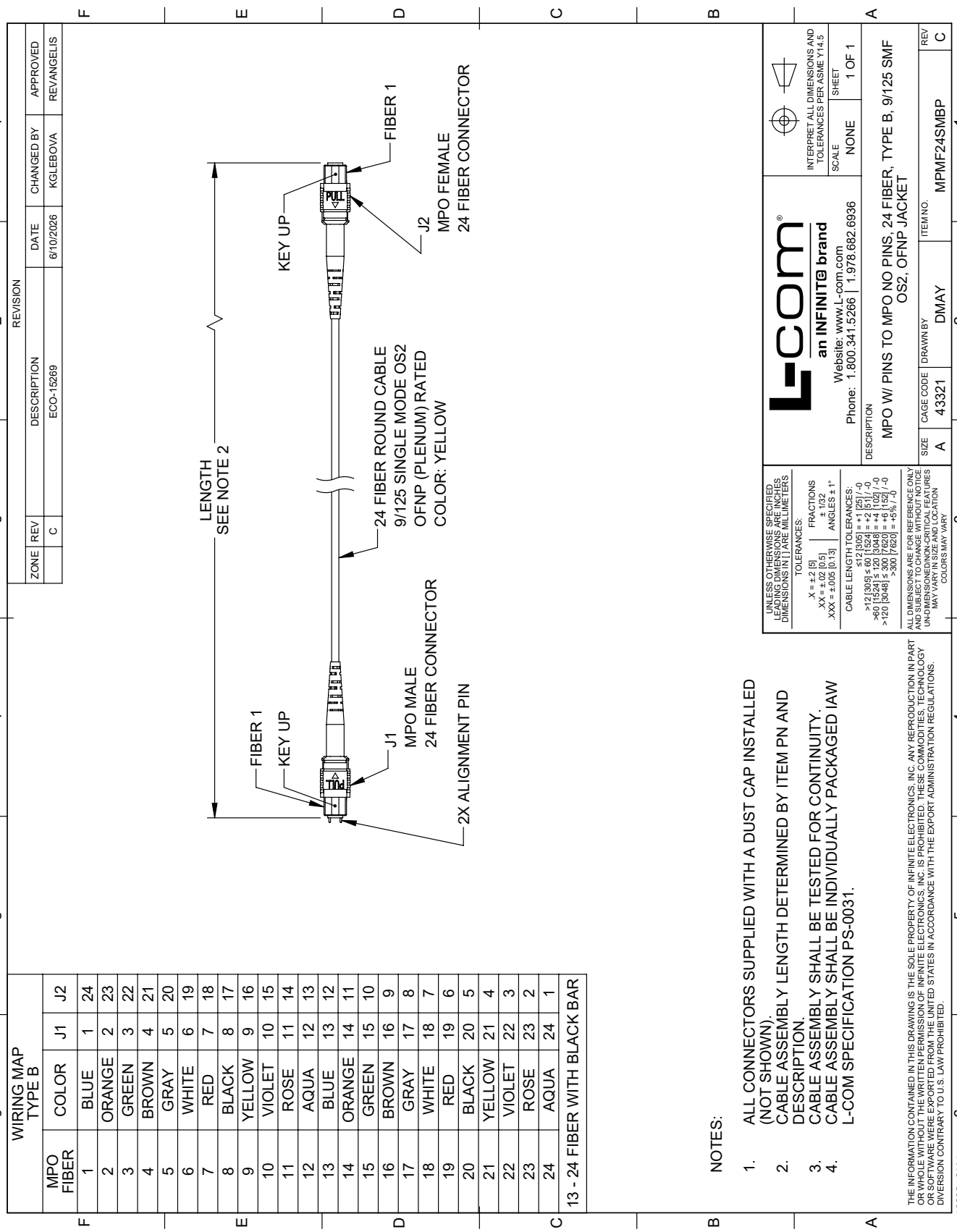




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