

## Type B MPO Male (w/pins) to LC/UPC Clipped fan-out, 2.0mm Diameter, 24 Fiber, Multimode OM3 10GB 50/125, OFNR Jacket



### PE3FCA745

#### Features

- 24 fiber multimode OM3
- MPO to 12 LC/UPC duplex connectors (clipped)
- Polarity Type B
- 0.5M fan-out length
- 2.0mm fanout out diameter
- OFNR rated jacket

#### Applications

- Ultra-high-density fiber network deployments
- Large-scale data center backbone connectivity
- High-capacity MPO to LC breakout systems
- Core network and SAN fiber distribution
- Parallel optics and hyperscale infrastructure applications

#### Description

Pasternack's PE3FCA745 fiber optic fan-out harness is a robust and versatile fiber optic cable assembly designed for high-performance data transmission in various environments. This fan-out cable assembly is equipped with MPO Male key up to LC/UPC duplex clipped connectors. Our yellow fiber optic cable has a riser (OFNR) rated PVC jacket that ensures compliance with fire and safety standards. With an operating temperature range of -20 to 60 degrees C and a storage temperature range of -20 to 60 degrees C, this cable provides reliable performance across diverse conditions.

This fan-out cable has a multimode OM3 fiber and comes with a breakout diameter of 2 mm. With the flexibility of custom lengths, the PE3FCA745 fiber optic assembly can be tailored to meet specific installation requirements, ensuring efficient network management in high-density setups without compromising on delivery time or quality. Additional dimensions, specifications, and CAD drawings for this 24-strand fiber optic fan-out cord can be found on its downloadable PDF datasheet. This PE3FCA745 fiber optic cable with a 3 mm cable diameter and 22.5 mm minimum bend radius offers flexible installation options.

Pasternack has one of the largest in-stock selections of MPO Male to LC/UPC fiber optic fan-out assemblies for international and domestic orders. Make your online purchase right now to take advantage of our same-business-day shipping. For further information on similar products, our expert technical support and knowledgeable sales team can help you get the ideal OM3 multimode fiber optic cable that meets your requirements.

#### Configuration

|                     |                |
|---------------------|----------------|
| Function            | Fan-out        |
| Cable Type          | 24-Fiber       |
| Mode                | Multimode      |
| Mode Class          | OM3            |
| Fiber Diameter      | 50/125 $\mu$ m |
| Connection 1 Type   | MPO (w/ pins)  |
| Connection 1 Gender | Male           |
| Connection 1 Polish | UPC            |
| Connection 2 Type   | LC             |
| Connection 2 Polish | UPC            |

#### Mechanical Specifications

|                       |         |
|-----------------------|---------|
| <b>Cable Assembly</b> |         |
| Width/Diameter        | 3 mm    |
| <b>Cable</b>          |         |
| Cable Type            | Fan-out |
| Polarity              | Type B  |
| Breakout Diameter     | 2 mm    |

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## PE3FCA745

|                                            |       |
|--------------------------------------------|-------|
| Static Bend Radius                         | 23 mm |
| Dynamic Bend Radius                        | 45 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 | LC          |
| Connector Polish | UPC                | UPC         |

### 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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## PE3FCA745

### Typical Performance Data

### How to Order

Part Number Configuration:

**PE3FCA745**

**-XX**

**UU**

Unit of Measure:

M = Meters

<blank> = Inches

Lengths

Base Number

Example: PE3FCA745-12 = 12 inches long cable  
PE3FCA745-100cm = 100 cm long cable

Type B MPO Male (w/pins) to LC/UPC Clipped fan-out, 2.0mm Diameter, 24 Fiber, Multimode OM3 10GB 50/125, OFNR Jacket from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Type B MPO Male \(w/pins\) to LC/UPC Clipped fan-out, 2.0mm Diameter, 24 Fiber, Multimode OM3 10GB 50/125, OFNR Jacket PE3FCA745](#)

URL: <https://www.pasternack.com/type-b-lc-multimode-fan-out-fiber-optic-cable-assembly-pe3fca745>

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