

## Type A MPO/UPC Female (w/o pins) to LC/UPC Clipped fan-out, 2.0mm Diameter, 12 Fiber, Single Mode OS2, LSZH Jacket



### PE3FCA729

#### Features

- 12 fiber single mode OS2
- MPO/UPC to 6 LC/UPC duplex connectors (clipped)
- Polarity Type A
- 0.5M fan-out length
- 2.0mm fanout out diameter
- LSZH rated jacket

#### Applications

- Data center backbone and switch-to-server connectivity
- High-density fiber patching and cross-connect systems
- 40G and 100G single mode network deployments
- MPO trunk to LC equipment breakout applications
- Enterprise and telecommunications fiber distribution

#### Description

Pasternack's PE3FCA729 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/UPC Female key up to LC/UPC duplex clipped connectors. Our yellow fiber optic cable has a low smoke zero halogen (LSZH) rated PE 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 single mode OS2 fiber and comes with a breakout diameter of 2 mm. With the flexibility of custom lengths, the PE3FCA729 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 12-strand fiber optic fan-out cord can be found on its downloadable PDF datasheet. This PE3FCA729 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/UPC Female 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 OS2 single mode fiber optic cable that meets your requirements.

#### Configuration

|                     |                |
|---------------------|----------------|
| Function            | Fan-out        |
| Cable Type          | 12-Fiber       |
| Mode                | Single Mode    |
| Mode Class          | OS2            |
| Fiber Diameter      | 9/125 μm       |
| Connection 1 Type   | MPO (w/o pins) |
| Connection 1 Gender | Female         |
| 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 A  |
| Breakout Diameter     | 2 mm    |

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|                                            |       |
|--------------------------------------------|-------|
| 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/o pins) Female | 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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## PE3FCA729

### Typical Performance Data

### How to Order

Part Number Configuration:

**PE3FCA729**

**-XX**

**UU**

Unit of Measure:

M = Meters

<blank> = Inches

Lengths

Base Number

Example: PE3FCA729-12 = 12 inches long cable  
PE3FCA729-100cm = 100 cm long cable

Type A MPO/UPC Female (w/o pins) to LC/UPC Clipped fan-out, 2.0mm Diameter, 12 Fiber, Single Mode OS2, LSZH 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 A MPO/UPC Female \(w/o pins\) to LC/UPC Clipped fan-out, 2.0mm Diameter, 12 Fiber, Single Mode OS2, LSZH Jacket PE3FCA729](#)

URL: <https://www.pasternack.com/type-b-lc-single-mode-fan-out-fiber-optic-cable-assembly-pe3fca729>

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to implement improvements. Pasternack Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PE3FCA729 CAD Drawing

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