

Type A MPO/UPC Female (w/o pins) to LC/UPC Clipped fan-out, 2.0mm Diameter, 24 Fiber, Single Mode OS2, LSZH Jacket



PE3FCA731

Features

- 24 fiber single mode OS2
- MPO/UPC to 12 LC/UPC duplex connectors (clipped)
- Polarity Type A
- 0.5M fan-out length
- 2.0mm fanout out diameter
- LSZH 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 PE3FCA731 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 PE3FCA731 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 PE3FCA731 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	24-Fiber
Mode	Single Mode
Mode Class	OS2
Fiber Diameter	9/125 μ m
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

Cable Assembly	
Width/Diameter	3 mm
Cable	
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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Typical Performance Data

How to Order

Part Number Configuration:

PE3FCA731

-XX

UU

Unit of Measure:

M = Meters

<blank> = Inches

Lengths

Base Number

Example: PE3FCA731-12 = 12 inches long cable
PE3FCA731-100cm = 100 cm long cable

Type A MPO/UPC Female (w/o pins) to LC/UPC Clipped fan-out, 2.0mm Diameter, 24 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, 24 Fiber, Single Mode OS2, LSZH Jacket PE3FCA731](#)

URL: <https://www.pasternack.com/type-b-lc-single-mode-fan-out-fiber-optic-cable-assembly-pe3fca731>

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PE3FCA731 CAD Drawing

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