

Type A MPO/UPC Female (w/o pins) to LC/UPC Clipped fan-out, 2.0mm Diameter, 24 Fiber, Single Mode OS2, OFNP Jacket-3M



MPUFLCU24S2AP-3

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
- OFNP 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

The L-com MPUFLCU24S2AP-3 fiber optic fan-out cord 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 type A MPO (w/o pins)/UPC to LC/UPC duplex clipped connectors. Our fiber optic cable has an OFNP rated PVC jacket that ensures compliance with fire and safety standards and is available in cable length of 3 meters. With an operating temperature range of 0 to 60 degrees C, this cable assembly 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. Our fan-out cable assembly is suitable for applications such as 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, and parallel optics and hyperscale infrastructure applications. The MPUFLCU24S2AP-3 fiber optic cable with a 3 mm cable diameter and 23 mm minimum bend radius offers flexible installation options. Additional dimensions, specifications, and CAD drawings for this 24-strand fiber optic fan-out cord can be found on its downloadable PDF datasheet.

L-com has one of the largest in-stock selections of MPO (w/o pins)/UPC to LC/UPC fiber optic fan-out cords 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	Base-24 Single Mode
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
Connection 2 Option	Duplex Clip

Optical Specifications

Description	Minimum	Typical	Maximum	Units
Return Loss - MPO	50			dB

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Optical Specifications

Description	Minimum	Typical	Maximum	Units
Insertion Loss - MPO			0.7	dB
Return Loss - LC, ST, SC, FC	50			dB
Insertion Loss - LC, ST, SC, FC			0.3	dB

Mechanical Specifications

Cable Assembly

Length	3 m [118.11 in]
Width/Diameter	3 mm
Weight	19.22 g [0.04237 lbs]

Cable

Cable Type	Fan-out
Polarity	Type A
Breakout Diameter	2 mm
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:

MPUFLCU24S2AP

-XX

UU

Unit of Measure:

F = Feet

<blank> = Meters

Lengths

Base Number

Example: MPUFLCU24S2AP-12 = 12 meters long cable
MPUFLCU24S2AP-10F = 10 feet long cable

Type A MPO/UPC Female (w/o pins) to LC/UPC Clipped fan-out, 2.0mm Diameter, 24 Fiber, Single Mode OS2, OFNP Jacket-3M 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/type-a-mpo-upc-female-w-o-pins-lc-upc-clipped-fan-out-2.0mm-diameter-24-fiber-single-mode-os2-ofnp-jacket-3m-mpuflicu24s2ap-3>

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