

Fiber Aggregation Conversion Harness,
MPO24 no pins to 3xMPO8 no pins, SMF
9/125µm, OFNR Jacket, Yellow, 10 meter



MPF24308SMR-CA-10

Features

- Aggregates traffic from multiple MPO trunks into a single high-density port
- Aggregates: 3X40G to 120G & 3x100G to 300G
- OS2 9/125µm Single Mode
- OFNR rated jacket

Applications

- 300G backbone feeding 3 × 100G QSFP
- Leaf-spine architectures
- Modular switch expansion

Description

The MPF24308SMR-CA-10 from L-com is an aggregation conversion harness that comes with a MPO24 (no pins) to 3xMPO8 (no pins) connector configuration. This yellow fiber harness with 24 fibers features an OFNR-rated PVC jacket and has maximum insertion loss of 0.75 dB. Our harness is available in a length of 10 meters and is suitable for applications such as 300G backbone feeding 3 × 100G QSFP, leaf-spine architectures, and modular switch expansion.

Our MPO (w/o pins) female to MPO (w/o pins) female aggregation harness comes with a single mode OS2 fiber and has a fiber diameter of 9/125 µm. L-com's MPO connectors are fully compatible with US Conec MTP products. With an operating temperature range of -40 to 75 degrees C, this harness provides reliable performance across diverse conditions.

L-com's MPF24308SMR-CA-10 conversion cable has a cable diameter of 3.8 mm and a breakout diameter of 3 mm. Our aggregation harness 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 MPF24308SMR-CA-10 aggregation harness can be found on its downloadable PDF datasheet.

L-com has one of the largest in-stock selections of aggregation harness 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 harness for your requirements.

Configuration

Function	Aggregation Harness
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	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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Optical Specifications

Description	Minimum	Typical	Maximum	Units
Insertion Loss - MPO			0.75	dB

Mechanical Specifications

Cable Assembly

Length	10 m [393.70 in]
Width/Diameter	3.8 mm

Cable

Cable Type	Aggregation Harness
Polarity	TYPE B
Breakout Diameter	3 mm
Static Bend Radius	38 mm
Dynamic Bend Radius	76 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	MPO (w/o pins) Female
Configuration	Straight	Straight
Connector Polish	APC	APC

Environmental Specifications

Operating Range Temperature	-40 to +75 deg C
Storage Range Temperature	-40 to +85 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:	MPF24308SMR-CA	-XX	UU	
				Unit of Measure: F = Feet <blank> = Meters
				Lengths Base Number

Example: MPF24308SMR-CA-12 = 12 meters long cable
MPF24308SMR-CA-10F = 10 feet long cable

Fiber Aggregation Conversion Harness, MPO24 no pins to 3xMPO8 no pins, SMF 9/125µm, OFNR Jacket, Yellow, 10 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/fiber-aggregation-conversion-harness-mpo24-no-pins-3xmpo8-no-pins-smf-9-125um-multimode-onfr-jacket-yellow-10-meter-mpf24308smr-ca-10>

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 impliment improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.

MPF24308SMR-CA-10 CAD Drawing

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