Fiber patch cable MPO female to MPO female, 12 fiber SMF type A, OFNP rated, 1 meter



MPFF12SMAP-1

Features

- Fiber Optic Patch Cable Assembly
- MPO Female to MPO Female
- Cable Type: Single Mode
- Cable Jacket: OFNP (Plenum-rated)
- Cable Length: 1 meter

Applications

- Ethernet
- LAN
- Server Farms
- Voice/Video/Data

Description

L-com's MPFF12SMAP-1 is a fiber optic patch cable assembly that is suitable for Ethernet, LAN, server farms, and voice/video/data applications. This yellow fiber optic cable is equipped with MPO(w/o pins)female to MPO(w/o pins)female connectors. Our patch cable assembly has a type A (key up, key down) polarity. This fiber optic cable assembly is available in a length of 1 meter.

This MPO(w/o pins)female to MPO(w/o pins)female cable comes with a single mode OS2 fiber and has a fiber diameter of 9/125µm. The MPFF12SMAP-1 fiber optic patch cable from L-com features an OFNP-rated jacket. Our fiber optic cable assembly 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 cable can be found on its downloadable PDF datasheet.

L-com has one of the largest in-stock selections of fiber optic patch cables 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 fiber optic cable for your requirements.

Configuration

Function	Patch
Cable Type	Base-12 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 1 Option	KEY UP
Connection 2 Type	MPO (w/o pins)
Connection 2 Gender	Female
Connection 2 Polish	APC
Connection 2 Option	KEY DOWN
Cable Color	Yellow

Optical Specifications

Description	Minimum	Typical	Maximum	Units
Return Loss - MPO	60			dB

© 2026 Infinite Electronics, Inc. L-com is a registered trademark of Infinite Electronics, Inc.

Fiber patch cable MPO female to MPO female, 12 fiber SMF type A, OFNP rated, 1 meter



MPFF12SMAP-1

Optical Specifications

Description	Minimum	Typical	Maximum	Units
Insertion Loss - MPO			0.5	dB

Mechanical Specifications

Cable Assembly

Length	1 m [39.37 in]
Width/Diameter	3 mm

Cable

Cable Type	Patch
Polarity	Type A
Static Bend Radius	30 mm
Dynamic Bend Radius	60 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	0 to +60 deg C
Storage Range Temperature	-20 to +60 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

© 2026 Infinite Electronics, Inc. L-com is a registered trademark of Infinite Electronics, Inc.

Fiber patch cable MPO female to MPO female, 12 fiber SMF type A, OFNP rated, 1 meter



MPFF12SMAP-1

Typical Performance Data

How to Order

Part Number Configuration: **MPFF12SMAP** **-XX** **UU**

- UU — Unit of Measure: F = Feet; <blank> = Meters
- -XX — Lengths
- MPFF12SMAP — Base Number

Example: MPFF12SMAP-12 = 12 meters long cable
MPFF12SMAP-10F = 10 feet long cable

Fiber patch cable MPO female to MPO female, 12 fiber SMF type A, OFNP rated, 1 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.

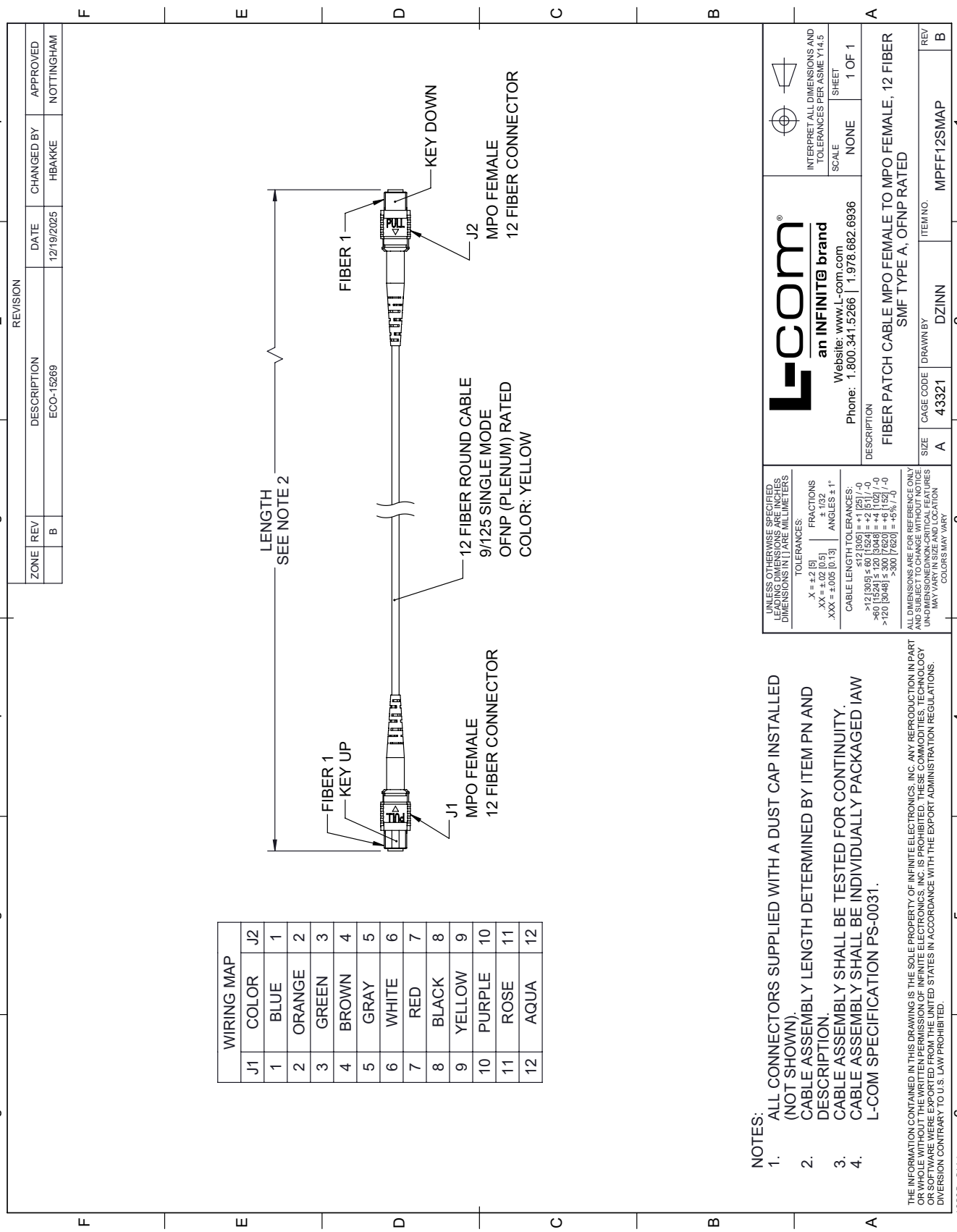
URL: https://www.l-com.com/fiber-patch-cable-mpo-female-mpo-female-12-fiber-smf-type-a-ofnp-rated-1-meter-mpff12smap-1

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.

© 2026 Infinite Electronics, Inc. L-com is a registered trademark of Infinite Electronics, Inc.

MPFF12SMAP-1 CAD Drawing

Fiber patch cable MPO female to MPO female, 12 fiber SMF type A, OFNP rated, 1 meter



© 2025 Infinite Electronics, Inc. L-com is a registered trademark of Infinite Electronics, Inc.