



MPO Female to MPO Female Trunk Cable Assembly 12 Fibers Polarity A OM4 Pink Jacket

Our Product Introduction

for more products please visit us on optical-fibercables.com

Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: FiberMania
- Certification: ISO, UL, CE, RoHS
- Model Number: MPFMPF-R12B4LPK
- Minimum Order Quantity: 10 Pieces
- Price: Negotiable
- Packaging Details: PE bag or OEM service optional
- Delivery Time: 5 days
- Payment Terms: T/T, Western Union, L/C
- Supply Ability: 10000 Pieces per day



Product Specification

- Connector Type: MPO Female
- Fiber Count: 12 Fibers
- Polarity: Type A
- Cable (OD): 3.0mm
- Fiber Mode: OM4 50/125µm
- Wavelength: 850/1300nm
- Cable Jacket: LSZH
- Jacket Color: Pink
- Name: MPO Solutions
- Highlight: **OM4 MPO Female Trunk Cable Assembly, MPO Female to MPO Female Cable, Pink Jacket MPO Female Cable**



More Images



Product Description

MPO Female to MPO Female Trunk Cable Assembly 12 Fibers Polarity A OM4 Pink Jacket

MPO Female to MPO Female Trunk Cable Assembly (12 Fibers, Polarity A, OM4, Pink Jacket) is a pre terminated multimode fiber trunk cable designed for high-density, high-speed fiber optic networks. It features MPO female heads at both ends and 12 core multimode fibers, supporting parallel transmission such as 40G/100G. This mpo to mpo cable is a key component of high-density multimode fiber optic systems in data centers, featuring plug and play, high-speed transmission (OM4), and controllable polarity, making it suitable for 40G/100G pre terminated architectures.

Specifications of mpo to mpo cable

Connector	MPO(Female)
Fiber Mode	OM4 50/125μm
Polishing Type	UPC
Connector IL	0.35dB Max (0.15dB Typ.)
Connector RL	≥20dB
Breakout Type	0.3m Equal Breakout
Glass Fiber	Corning ClearCurve®
10G Ethernet Distance	400m at 850nm
40/100G Ethernet Distance	150m at 850nm
Attenuation at 850nm	≤2.3dB/km
Attenuation at 1300nm	≤0.6dB/km
Installation Tensile Load	66N
Tensile Strength (Long/Short Term)	80/240N
Storage Temperature	-40 to +85°C
Operating Temperature	-20 to +85°C

Features of mpo to mpo cable

1. Low insertion loss and high return loss
2. High precision connector
3. PC UPC APC end face polish
4. Up to 288 fibers - ideal for high-density applications
5. 100% factory terminated and tested
6. Pulling eyes are provided as an option to protect the fiber ends during installation
7. Save installation and reconfiguration time
8. Customized length available
9. ROHS Compliant

Applications of mpo to mpo cable

1. Data center: Interconnection between cabinets for 40G/100G QSFP+SR4 modules.
2. High density cabling: pre terminated backbone links between MPO patch panels.
3. Parallel optical communication: such as InfiniBand, Fibre Channel

Applications



Telecom
Rooms



Data Centers



Server Farms



Enterprise
Network





P/N: MPFMPF-R12B4LPK3
 12F MPO(PC(F)-MPO(PC(F))-OM4-3.0-LSZH-TYPE B-3M

Fiber No.	MPO		Fiber No.	MPO	
	IL(dB)	RL(dB)		IL(dB)	RL(dB)
01	0.33	36.0	01	0.16	35.1
02	0.39	36.3	02	0.11	35.7
03	0.18	38.9	03	0.13	40.0
04	0.48	37.2	04	0.31	35.3
05	0.42	39.5	05	0.57	38.8
06	0.05	35.4	06	0.37	37.0
07	0.27	35.4	07	0.30	37.3
08	0.57	37.0	08	0.35	35.1
09	0.24	35.7	09	0.19	35.0
10	0.37	36.4	10	0.08	39.2
11	0.22	39.4	11	0.38	37.9
12	0.42	36.8	12	0.44	39.9

Serial No: 2501200099 MADE IN CHINA

 **FIBERMANIA** Shenzhen FiberMania Technology Co., Ltd.

 17704025189

 sales@fiber-mania.com

 optical-fibercables.com

3F, Building A2, Yinlong Industrial Park, Longdong, Longgang District, Shenzhen, China, 518116