



FIBERMANIA

Shenzhen FiberMania Technology Co., Ltd.
optical-fibercables.com

12 Fibers MPO Fanout Cable OM4 50/125 10G Hytel Jacket ROHS Compliant

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: FiberMania
- Certification: ISO, UL, CE, RoHS
- Model Number: MPMLC-M412F9C
- 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

- Name: MPO Fanout Cable
- Connector A: MPO/UPC
- Connector B: LC/UPC Simplex
- Fiber Count: 12 Fibers
- Cable (OD): 0.9mm
- Wavelength: 850/1300nm
- Fiber Mode: OM4 50/125μm
- Cable Jacket: OFNR
- Jacket Color: 12 Colors
- Highlight: **12 Fibers MPO Fanout Cable ,
MPO Fanout Cable OM4,
RoHS MPO Fanout Cable**



Product Description

12 Fibers MPO Fanout Cable OM4 50/125 10G Hytrel Jacket ROHS Compliant

MPO Fanout cable is a special type of fiber optic cable that combines MPO connectors and branching functions, allowing one MPO interface to be divided into multiple branches, suitable for applications that require high-density fiber optic transmission. This type of jumper is usually composed of connectors and optical cables, and adopts a plug-in design. It is precisely connected to the guide pin through the guide hole on the connector end face. This cable is connected to an MPO connector on one end and 12 LC simplex magenta connectors on the other end, as it is an OM4 fiber optic cable. This kind of MPO fanout cable are widely used in data centers, network infrastructure, and other high-performance network environments.

Applications of MPO to SC Breakout Patch Cable

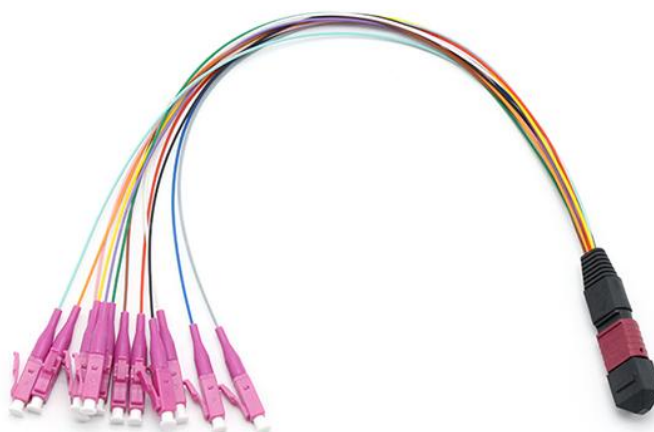
1. Data Center Interconnect
2. High-Density Fiber Management
3. Telecommunication Networks and CATV networks
4. LAN/WAN Premises

Features of MPO to SC Breakout Patch 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

Specifications of MPO Breakout Patch Cable

Connector	MPO(Female)	LC Uniboot
Fiber Mode	OM4 50/125μm	OM4 50/125μm
Polishing Type	UPC	UPC
Connector IL	0.35dB Max (0.15dB Typ.)	≤0.2dB
Connector RL	≥20dB	≥30dB
Wavelength	850/1300nm	
Glass Fiber	Corning ClearCurve®	
10G Ethernet Distance	400m 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	





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