

Length Customized MPO Fanout Cable 12 Fibers OM5 50/125 100G Hytrel Jacket

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-M512F9C
- 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: OM5 50/125μm
- Cable Jacket: OFNR
- Jacket Color: 12 Colors
- Highlight: **Customized MPO Fanout Cable,
MPO Fanout Cable 12 Fibers**



Product Description

MPO Male to LC/UPC Harness Fanout Cable 12 Fibers OM5 50/125 100G Hytrel Jacket

MPO (Multi Fiber Optic Connector) Fanout cable is a special cable used for fiber optic communication. It distributes multiple fibers from one MPO connector to multiple single fiber connectors. This MPO connector connects 12 fibers, while Fanout cable distributes these fibers to multiple LC UPC single fiber connectors. MPO Fanout cables can increase connection density, reduce space occupation, and simplify the complexity of fiber optic connections. And this optical cable uses OM5 multimode fiber, which is specially designed to support short wave division multiplexing (SWDM) technology, providing higher bandwidth and significantly improving data transmission capabilities. This cable is commonly used in data centers, high-speed networks, and other places that require a large number of fiber optic connections, helping to simplify cabling and connection management.

Applications of MPO to LC Breakout Patch Cable:

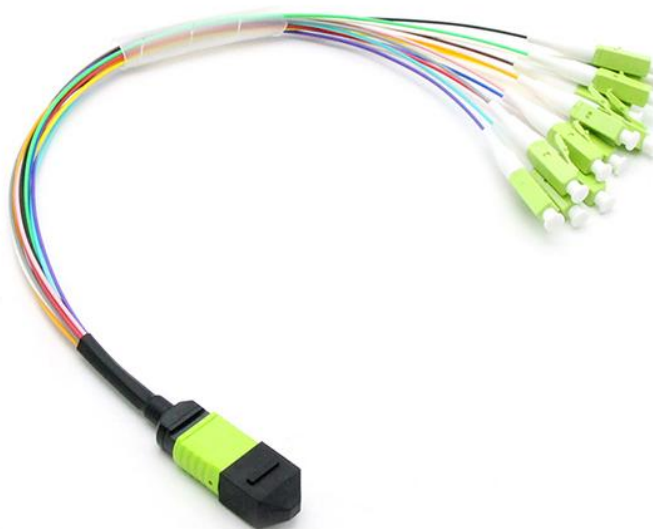
1. Data Center Interconnect
2. High-Density Fiber Management
3. Telecommunication Networks and CATV networks
4. LAN/WAN Premises

Features of MPO to LC 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	OM5 50/125μm	OM5 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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