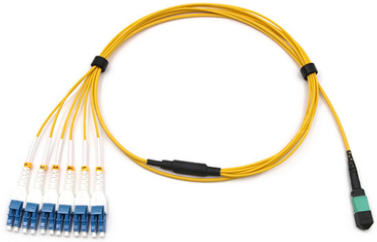
MPO/APC Male To 6 LC Uniboot Single Mode Breakout Cable OFNR Yellow Jacket

Our Product Introduction

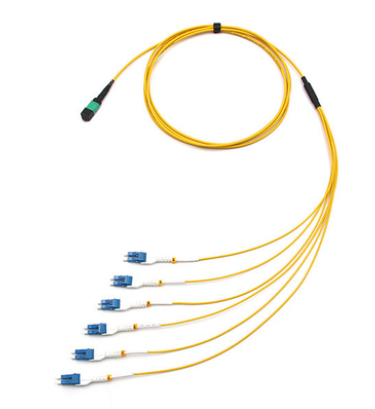
Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: FiberMania
- Certification: ISO, UL, CE, RoHS
- Model Number: MAMLCU-SM12M3RYL
- 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

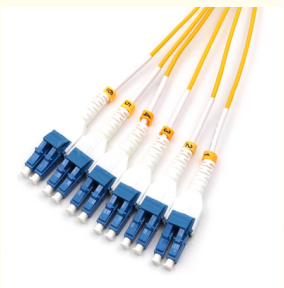


Product Specification

- Connector A: MPO/APC
- Connector B: LC/UPC Uniboot
- Fiber Count: 12 Fibers
- Cable (OD): 3.0mm
- Breakout (OD): 2.0mm
- Fiber Mode: OS2 9/125μm
- Cable Jacket: OFNR
- Jacket Color: Yellow
- Name: MPO Solutions
- Highlight: **Uniboot Single Mode Breakout Cable**, **MPO Single Mode Breakout Cable**, **MPO Breakout Cable**



More Images



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Product Description

MPO/APC Male to 6 LC Uniboot Breakout Cable 12 Fibers Single Mode OFNR Yellow Jacket

The MPO fanout cable is a cost-effective solution to the labor-intensive field termination process. It is specifically designed for high-density, high-performance fiber patching in data centers where space constraints and cable management pose significant challenges. MPO fanout cables are particularly suitable for organizations seeking to transition their standard fiber networks to a high-density MTP/MPO configuration while maintaining superior fiber connectivity. These cables are also referred to as MPO breakout cables. MPO breakout cables are equipped with either a female or male MPO connector at one end and a duplex LC, FC, SC, or ST connector at the opposite end. These breakout cables are generally well-suited for short-range direct connections operating at 10G-40G and 25G-100G. The acronym MPO refers to Multifiber Termination Push On. It is essential to maintain the cleanliness of fiber optic end faces, as this is a crucial requirement for ensuring reliability and optimal performance in connections.

Applications of MPO Breakout Patch Cable

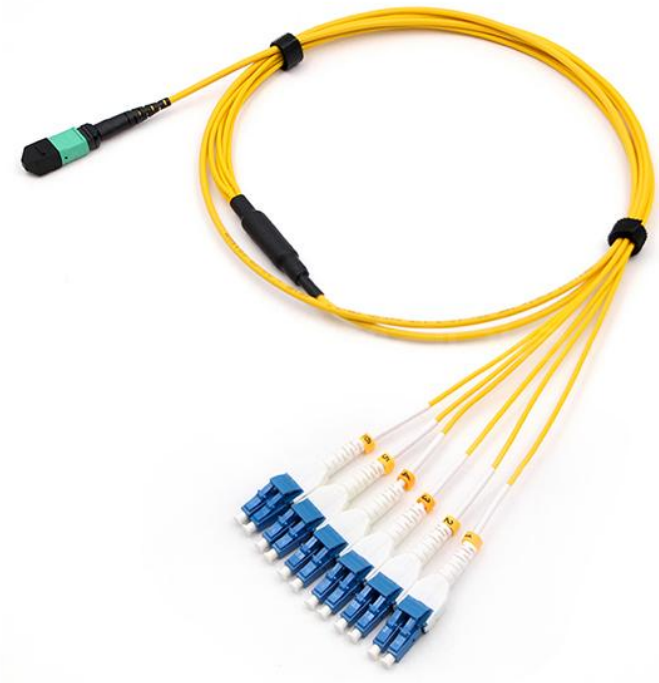
1. Data Center Interconnect
2. High-Density Fiber Management
3. Telecommunication Networks and CATV networks
4. LAN/WAN Premises

Features of MPO 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(Male)	LC Uniboot
Fiber Mode	OS2 9/125μm	OS2 9/125μm
Polishing Type	APC	UPC
Connector IL	0.35dB Max (0.15dB Typ.)	≤0.2dB
Connector RL	≥60dB	≥50dB
Wavelength	1310/1550nm	
Glass Fiber	Corning SMF-28® Ultra	
Fiber Grade	G.657.A1 (Compatible with G.652.D)	
Attenuation at 1310nm	≤0.32dB/km	
Attenuation at 1550nm	≤0.18dB/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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