

Data Center MPO Breakout Cable 12 Fibers With A 2.0mm Single Mode 9/125 OFNP Plenum

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: FiberMania
- Certification: ISO, UL, CE, RoHS
- Model Number: MAFSC-SM12S3RYL
- 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

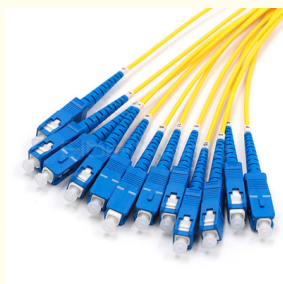


Product Specification

- Name: MPO Breakout Cable
- Connector A: MPO/APC
- Connector B: SC/UPC Simplex
- Fiber Count: 12 Fibers
- Cable (OD): 3.0mm
- Breakout (OD): 2.0mm
- Fiber Mode: OS2 9/125μm
- Cable Jacket: OFNP
- Jacket Color: Yellow
- Highlight: **Data Center MPO Breakout Cable, 12 Fibers MPO Breakout Cable, ISO MPO Breakout Cable**



More Images



Product Description

Data Center 12-Fiber MPO to SC Breakout Patch Cable with a 2.0mm Single Mode 9/125 OFNP Plenum Yellow Jacket

12 Fiber MPO to SC Breakout Patch Cable is a high-density branch jumper with 12 fiber MPO (Multi fiber Push On) connectors on one side and 12 simplex SC connectors on the other side. MPO connectors can accommodate multiple optical fibers, making cabling more compact and space saving. MPO to SC branch jumpers simplify fiber cabling, making installation and maintenance more convenient. The branch is single-mode cable, capable of supporting high-speed data transmission, such as 40G, 100G or even 400G network connections. In a word, this breakout cable are suitable for 10G/40G data transmission and information exchange, as well as fiber channel and infinite bandwidth applications. This type of jumper is commonly used in environments that require high-density fiber optic cabling, such as data centers, telecommunications networks, and local area networks.

Applications of MPO to SC Breakout Patch Cable

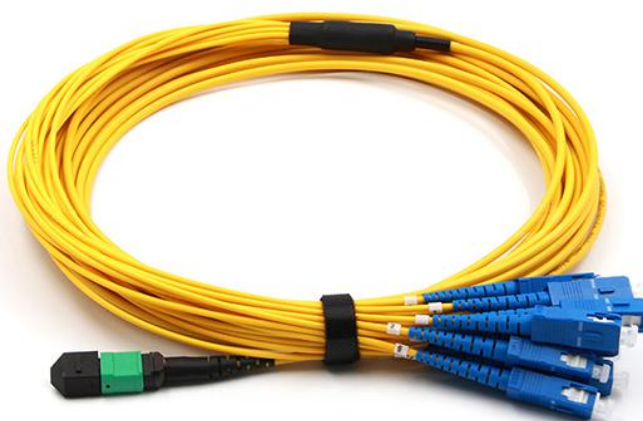
1. Data Center Interconnect
2. High-Density Fiber Management
3. Telecommunication Networks and CATV networks
4. LAN/WAN Premises

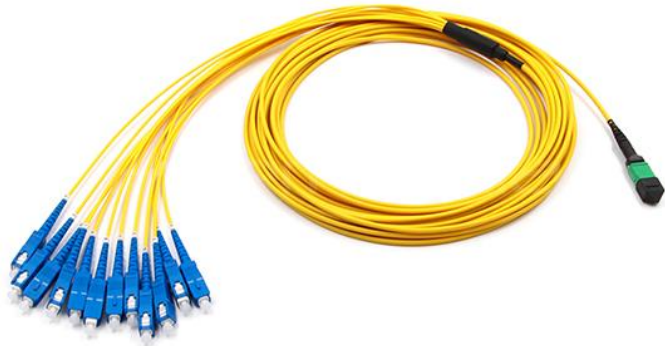
Features of MPO to SC Breakout Patch Cable

1. Low insertion loss and high return loss
2. High precision connector
3. PC UPC APC end face polish
4. 100% factory terminated and tested
5. Multiple optical fiber modes are available
6. Save installation and reconfiguration time
7. Customized length available
8. ROHS Compliant

Specifications of MPO to SC Breakout Patch Cable

Connector	MPO(Male)	SC
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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