



FIBERMANIA

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

市光通通信技术有限公司

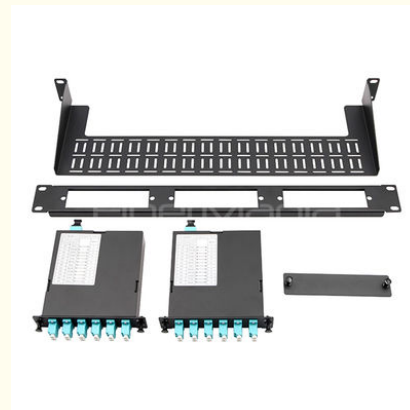
19inch 1U 36 Fibers MPO MTP Fiber Optical Patch Panel with Cassette and MTP-12 Rear Adapter

Our Product Introduction

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

Basic Information

- Certification: ISO, RoHS
- Minimum Order Quantity: 2
- Price: 19.9

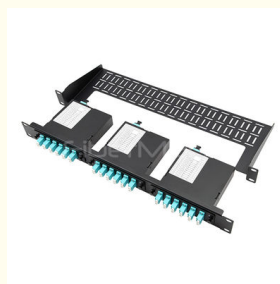
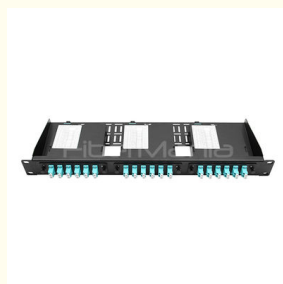


Product Specification

- Fiber Count: Max. 288 Fibers
- Material: 1.2mm SPCC (Black Coating)
- Fiber Mode: OS2 9/125μm
- Front Adapter: LC Duplex
- Rear Adapter: MTP-12 Male (Pinned)
- Insertion Loss: $MTP \leq 0.6\text{dB}$, $LC \leq 0.2\text{dB}$
- Return Loss: $MTP \geq 20\text{dB}$, $LC \geq 35\text{dB}$
- Dimensions: 432X356X45mm
- Operating Temperature: $-25^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- Storage Temperature: $-25^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- Relative Humidity: $\leq 85\% (+30^{\circ}\text{C})$
- Air Pressure: 70Kpa~106Kpa
- Production Capacity: 10,000 Pieces Per Month
- Color: Black
- Transport Package: Inner Box Into Carton



More Images



Product Description

19inch 1U 36 Fibers OM3 OM4 MPO MTP Fiber Optical Patch Panel with Cassette

The MPO-LC Type Distribution Box aligns with the network development trend of high density and high capacity. It converts MPO interface multi-channel signals to LC type interface through a modular box encapsulation structure. Designed for 19-inch standard integrated distribution boxes, network cabinets, and open frames, this patch panel features high-quality cold rolled sheet material with electrostatic spray treatment for durability and even coloring.

Key Features

- Compatible with 19-inch standard frames
- Supports both ribbon and single fiber configurations
- Compact design optimizes space utilization
- Front plate markings for easy identification and operation
- Standardized dimensions with lightweight yet robust construction
- Simplified management and operation
- Modular design allows multiple module box configurations
- Converts MPO ribbon multi-core fiber to multiple LC interfaces

Applications

- Telecommunications subscriber loops
- Fiber to the home (FTTH) deployments
- LAN/WAN infrastructure
- CATV systems

Technical Specifications

Parameter	Value
Operating temperature	-25°C to +70°C
Storage temperature	-25°C to +70°C
Relative humidity	≤85% at +30°C
Air pressure	70Kpa to 106Kpa
Color	Black

Quality Assurance Testing

IL and RL Testing: Verifies insertion loss and return loss to ensure stable signal transmission and proper cable reach.



3D Interferometer Testing: Evaluates connector/ferrule apex offset, radius of curvature, and fiber height to ensure proper fiber optic line connections.



End-Face Inspection: Examines connector end faces for scratches, defects, or contamination to maintain optimal communication quality and network reliability.

Production Equipment



Packaging & Shipping



Frequently Asked Questions

Q1: What is the warranty of FiberMania's fiber patch cord?

A: FiberMania warrants that all fiber patch cords supplied are free from defects in material and workmanship for five (5) years from the date

of supply. All fiber optic bulk cables are UL profiled and 100% tested.

Q2: Is it possible to customize our brand information on your fiber cable?

A: Yes, we can print your brand name onto our cable jacket with a minimum order of 1KM total cable length.

Q3: Can you do 3D interferometer test?

A: Yes, we perform 3D testing upon request, typically achieving over 90% pass rate (up to 100% when required).

Q4: What is your MOQ of your products?

A: We only enforce MOQ for special customized cable orders (1km total length minimum). Bulk cable can be stocked for urgent orders.

Q5: Are free samples available from you?

A: Yes, we provide free samples for customer projects when total cost remains under \$50 USD.



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