



FIBERMANIA

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

Rack Mount 4xMTP/MPO to LC Duplex Fiber Patch Panel with 120 Fibers and 1.2mm SPCC Black Coating

Our Product Introduction

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Basic Information

- Certification: ISO, RoHS
- Minimum Order Quantity: 5
- Price: 35

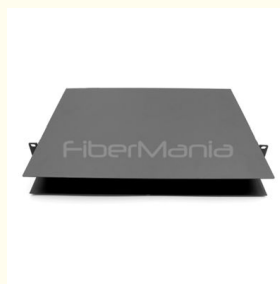


Product Specification

- Fiber Count: Max. 120 Fibers
- Material: 1.2mm SPCC (Black Coating)
- Fiber Mode: Om3 50/125 μ m
- Front Adapter: LC Duplex
- Rear Adapter: MTP-12 Male (Pinned)
- Insertion Loss: MTP $\leq$ 0.75dB, LC $\leq$ 0.2dB
- Return Loss: MTP $\geq$ 60dB, LC $\geq$ 50dB
- Dimensions: 44.5 X 432 X 356mm
- Operating Temperature: -25°C~+70°C
- Storage Temperature: -25°C~+70°C
- Relative Humidity: $\leq$ 85%(+30°C)
- Air Pressure: 70Kpa~106Kpa
- Color: Black
- Transport Package: Inner Box Into Carton
- Production Capacity: 10,000 Pieces Per Month



More Images



Product Description

Rack Mount 4xMTP/MPO to LC Duplex Cassettes Fiber Patch Panel

The Rack Mount 4xMTP/MPO to LC Duplex Cassettes Fiber Patch Panel aligns with modern high-density, high-capacity network requirements. This distribution box converts multi-channel MPO interface signals to LC type interfaces through a modular encapsulation structure. Designed for integration with wiring boxes, it features a compact, high-density design for convenient operation in 19-inch standard distribution boxes, network cabinets, and open frames.

Constructed from high-quality cold-rolled sheet material with electrostatic spray treatment, the panel offers a uniform, bubble-free finish with no impurities.

Key Features

- Compatible with 19-inch standard frames
- Supports both ribbon and single fiber configurations
- Space-saving compact design
- Front plate markings for easy identification and operation
- Standard size with lightweight, rational structure
- Simplified management and operation
- Modular design for use in multiple module boxes
- Converts MPO ribbon multi-core fiber to multiple LC interfaces

Applications

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

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 Testing Program

IL and RL Testing: Conducts insertion loss and return loss testing on cables to verify reach and ensure stable signal transmission.

3D Interferometer Testing: Evaluates connectors/ferrules to verify apex offset, radius of curvature, and fiber height meet specifications for successful fiber optic connections.

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

Production Equipment

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 pass rates over 90% (up to 100% when required).

Q4: What is your MOQ of your products?

A: We only have minimum order quantities for special customized cable orders (1km total length). Bulk cable can be stocked for urgent order production.

Q5: Are free samples available?

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



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