



FIBERMANIA

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

MTP Jumper MPO Trunk Patch Cord 1m (3ft) with 0.35dB Max and OM4 50/125μm for High-Speed Data Transmission

Our Product Introduction

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Basic Information

- Certification: RoHS, CE, ISO9001
- Minimum Order Quantity: 10
- Price: 3.2



Product Specification

- Connection Structure: MPO-MPO
- Material Shape: Round Wire
- Allowed Tensile Strength: <100N
- Core: Multicore
- Connector A: MPO Female
- Connector B: MPO Female
- Fiber Mode: OM4 50/125μm
- 40/100G Ethernet Distance: 150m At 850nm
- 10G Ethernet Distance: 400m At 850nm
- Glass Fiber: Corning ClearCurve®
- Minimum Bend Radius: 3.0mm
- Wavelength: 850/1300nm
- Attenuation At 850nm: ≤2.3dB/km
- Attenuation At 1300nm: ≤0.6dB/km
- Installation Tensile Load: 66N



More Images



Product Description

MTP/APC Female to MTP/APC Female 1m (3ft) MTP Jumper SM Plenum (OFNP), 0.35dB Max, Yellow

FiberMania supplies MTP® breakout cables in single-mode and multimode configurations with 12, 24, 48, and 72 fibers. This MTP® fiber cable splits one 12-strand MTP® fiber optic cable into 12 individual SC cables. Available in both male and female styles with various lengths and fan tube diameters.

Key Features

- High bandwidth and low loss:** Precision-polished fiber end faces with insertion loss ≤0.3dB, ensuring 40G/100G/400G high-speed transmission
- Durability and stability:** High-strength OM3/OM4 fiber with dust-proof buckle design, plug-in life >500 times
- Plug and play:** Pre-terminated design saves 90% installation time
- Flexible configuration:** Supports 12-core to 48-core customization with lengths from 0.5m to 50m

Specifications

Connector	MPO/MTP (Male/Female)
Fiber Mode	SM(OS2) mm(OM1/OM2/OM3/OM4/OM5)
Polishing Type	PC APC PC
Insertion Loss	Typical≤0.30dB Max≤0.75dB
Return Loss	≥50dB ≥55dB(Elite)
Repeatability	≤0.1dB
Durability	≤0.2dB (1000 times mating)
Fiber Count	8/12/24/48/72/96/144 Fibers
Cable Jacket	PVC/OFNR/OFNP/LSZH
RoHS Compliancey	Compliant

Applications

- Data Distribution Patch Panels
- High-Density Networking Environments
- Plenum Spaces
- MPO/MTP adapter panel integration
- Active optical network transceiver control
- Optical fiber distribution systems

Our Advantages

- Versatile Fiber Options:** Single-mode and multimode configurations
- Multiple Fiber Counts:** 12, 24, 48, or 72 fibers available
- Breakout Design:** Splits into 12 individual SC cables
- Fan-Out Styles:** Male and female configurations
- Customizable Lengths:** Various lengths and tube diameters

Quality Testing Program

IL and RL Testing

Conduct testing on insertion loss and return loss to verify cable reach and ensure stable signal transmission.

3D Interferometer Testing

Evaluate connectors to verify apex offset, radius of curvature, and fiber height meet specifications.

End-Face Inspection

Examine connector end faces for scratches or contamination to enhance communication quality and reliability.

Frequently Asked Questions

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

A: FiberMania warrants all fiber patch cords against defects in material and workmanship for five (5) years from date of supply. All 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 1KM total cable length requirement.

Q3: Can you do 3D interferometer test?

A: Yes, we perform 3D testing per customer request with pass rates over 90% (up to 100% when required).

Q4: What is your MOQ of your products?

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

Q5: Are free samples available from you?

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



FIBERMANIA Shenzhen FiberMania Technology Co., Ltd.



17704025189



sales@fiber-mania.com



optical-fibercables.com

3F, Building A2, Yinlong Industrial Park, Longdong, Longgang District, Shenzhen, China, 518116