

MPO Male to LC 0.9mm Fiber Cable Patchcord with Hytrel Jacket and 0.3M Length for Data Centers

Our Product Introduction

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Basic Information

- Certification: RoHS, CE, ISO9001
- Minimum Order Quantity: 10
- Price: 27



Product Specification

- Connection Structure: MTP To LC
- Material Shape: Round Wire
- Allowed Tensile Strength: <100N
- Core: Multicore
- Connector A: US Conec MTP® Male (Pinned)
- Connector B: LC UPC
- Fiber Count: 12 Fibers
- Fiber Mode: OM5 50/125μm
- Wavelength: 850/1300nm
- Glass Fiber: Corning ClearCurve®
- MTP Connector IL: 0.35dB Max (0.15dB Typ.)
- LC Connector IL: ≤0.2dB
- MTP Connector RL: ≥20dB
- LC Connector RL: ≥30dB
- Attenuation At 850nm: ≤2.3dB/km



More Images



Product Description

MPO Male to LC OM3 OM4 OM5 0.9mm Fiber Cable Patchcord Hytrel Jacket Lime 0.3M

MTP/MPO Cable Assemblies, commonly recognized as MTP® Breakout Fiber, are primarily utilized for data distribution patch panels including plenum applications. These assemblies are available in single-mode and multimode configurations with 12, 24, 48, and 72 fiber counts. The MTP® fiber cable splits one 12-strand MTP® fiber optic cable into 12 individual SC cables. Fan-out style MTP® cable is available in both male and female styles with various lengths and fan tube diameters.

Key Features

- Available in various fiber counts
- Excellent exchangeability
- Plug and Play ready
- Compliant with Telcordia GR-1435-CORE standard

Applications

- Data center infrastructure
- Telecommunication networks
- High density cross-connects
- Optical switch inter-frame connections

Technical Specifications

Connector	MPO/MTP(Male/Female)	LC/SC/FC/ST
Fiber Mode	SM(OS2) MM(OM1/OM2/OM3/OM4/OM5)	SM(OS2) MM(OM1/OM2/OM3/OM4/OM5)
Polishing Type	PC APC PC UPC APC UPC	PC UPC APC UPC
Insertion Loss	Typical≤0.30dB Max≤0.75dB Typical≤0.15dB (Elite) Max≤0.35dB (Elite)	Typical≤0.50dB Max≤0.25dB Typical≤0.10dB (Elite) Max≤0.35dB (Elite)
Return Loss	≥50dB ≥55dB(Elite)	≥60dB ≥65dB(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 Compliancy Status	Compliant	

Quality Testing Program



IL and RL Testing

Conduct testing on the insertion loss and return loss of cables to verify their reach and ensure stable signal transmission.

3D Interferometer Testing

Evaluate the connectors or ferrules of cables to verify that the apex offset, radius of curvature, and fiber height are within specified parameters, ensuring successful connection of fiber optic lines.



End-Face Inspection

Examine the connector end face for scratches, defects, or contamination to ensure clean tips. This practice enhances communication quality and reliability, contributing to network uptime.

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 a period of five (5) years from the date of supply. All fiber optic bulk cables are UL profiled and every single cable is 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 and 1KM total cable length is requested.

Q3: Can you do 3D interferometer test?

A: Yes, we do the 3D test per our customer's request, we can have the pass rate over 90% and even 100% if necessary.

Q4: What is your MOQ of your products?

A: We only have MOQ for some special customized cable order, we request 1km as the total length of the bulk cable, you may consider stock the bulk cable with us for your urgent order production.

Q5: Are free samples available from you?

A: Yes, we are always happy to offer the free samples for all of our customers' projects provided that the total cost is under 50 US dollars.

Q6: Do you accept OEM and ODM orders?

A: Absolutely yes, we have been doing OEM services since we start in this business, and for every single label, printing, bag and carton design, we always treat it seriously and do it nicely. Our engineers can help you with your current design and even can open the new tooling for your specific project.



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