



FIBERMANIA

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

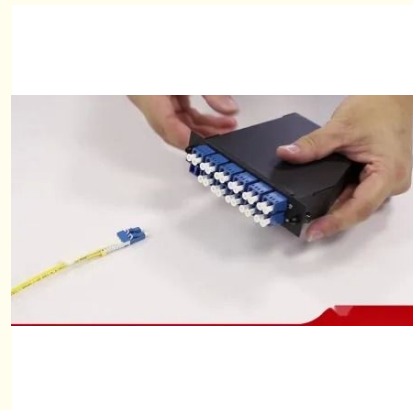
## 12 Fibers MTP-LC Duplex Cassette with Zirconia Ceramic Sleeves and Aluminium Body for MTP/MPO Standard Compliance

Our Product Introduction

for more products please visit us on [optical-fibercables.com](http://optical-fibercables.com)

### Basic Information

- Certification: CE, ISO, RoHS
- Minimum Order Quantity: 10
- Price: 14.5



### Product Specification

- Fiber Count: 12 Fibers
- Fiber Mode: OM1 62.5/125μm
- Front Connector: LC UPC Quad
- Rear Connector: US Conec MTP® UPC (Pinned)
- LC Ports: 6 Ports
- MTP Ports: 1 Port
- MTP Adapter: Key Up To Key Down
- Housing Type: Cassette
- Sleeve Material: Zirconia Ceramic
- Body Material: Aluminium (AL5052)
- Polarity: Type A
- Operating Temperature: -25°C~+70°C
- Storage Temperature: -25°C~+70°C
- Relative Humidity: ≤85%(+30°C)
- Dimensions: 129mm X 155mm X 29mm



### More Images



## Product Description

### 12 Fibers MTP-LC Duplex Cassette 6 Ports Type A OM1 Multimode

MPO/MTP cassette capable of accepting 6-24 fibers. These cassettes are suitable for use with Singlemode, Multimode 62.5 and 50um, as well as Laser Optimized, OM3 applications and are available in LC, SC, ST, FC, MTRJ connector types. MPO/MTP cassette comes pre-installed with the required adapters featuring Zirconia Ceramic sleeves for enhanced compatibility with all applications. Adapters are color-coded according to the application in use (Blue = 9/125; Beige = 62.5 and 50um; Aqua = OM3; Green = APC). All adapters come standard with dust covers.

#### Key Features

- High density - can be applied with 12 fibers and 24 fibers
- Ideal for Data Center Applications
- MTP/MPO standard compliant multi-fiber connector
- Available with OS1/2, OM1, OM2, OM3, OM4 fiber grades
- Available with different fiber adapter ports, SC, LC, ST, FC etc.
- Rapid deployment terminated modular system saves installation time and labor

#### Applications

- LAN, WAN and SAN
- Data center
- Telecommunication networks
- Parallel Optics
- Emerging 40 and 100Gbps Protocols

#### Mechanical Characteristics

| Projects              | Parameter            |
|-----------------------|----------------------|
| Operating temperature | -25°C~+70°C          |
| Storage temperature   | -25°C~+70°C          |
| Relative humidity     | ≤85%(+30°C)          |
| Color                 | Black                |
| Max. Capacity         | 12 port/24 port (LC) |
| Dimension(WxHxD)      | 129mm x 155mm x 29mm |

#### Environmental Properties

| Performance Level | Standard | Elite               |         |         |         |       |
|-------------------|----------|---------------------|---------|---------|---------|-------|
| Connector         | Cable    | IL(max)             | RL(max) | IL(max) | RL(max) |       |
|                   | MPO/MTP  | OM1/OM2/OM3/OM4/OM5 | ≤0.70dB | ≥20dB   | ≤0.35dB | ≥20dB |
| LC/SC/FC/ST       |          | ≤0.20dB             | ≥30dB   | ≤0.10dB | ≥30dB   |       |

#### 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 the specified parameters, ensuring a successful connection of fiber optic lines.

##### End-Face Inspection

Examine the connector end face for any scratches, defects, or contamination to ensure the tips remain clean. This practice enhances

communication quality and reliability, thereby contributing to network uptime.

### Production Equipment

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### Packaging & Shipping

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### 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.



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