

## MTRJ PC to LC UPC Fiber Optic Patch Cable Duplex Single Mode OS2 OFNR 3.0mm Yellow

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: FiberMania
- Certification: ISO, UL, CE, RoHS
- Model Number: MJLC-SM023RY
- Minimum Order Quantity: 10 Pieces
- Price: Negotiable
- Packaging Details: PE bag or OEM service optional
- Delivery Time: 5 days
- Payment Terms: T/T, Western Union, L/C
- Supply Ability: 10000 Pieces per day



### Product Specification

- Connector A: MTRJ/PC Duplex
- Connector B: LC/UPC Duplex
- Fiber Mode: OS2 9/125μm
- Cable (OD): 3.0mm
- Cable Jacket: OFNR
- Jacket Color: Yellow
- Insertion Loss: ≤0.2dB
- Return Loss: ≥50dB
- Name: Fiber Optic Patch Cable

## Product Description

### MTRJ PC to LC UPC Fiber Optic Patch Cable Duplex Single Mode OS2 OFNR 3.0mm Yellow

This high-speed Single Mode 9/125μm duplex fiber optic patch cable is terminated with MTRJ PC connectors on one end and LC/UPC connectors on the other end (MTRJ/PC-LC/UPC). MTRJ connectors, known as Mechanical Transfer Registered Jack Connectors, is a small fiber optic interface type that uses an RJ-45 interface and its size is smaller than the SC connectors. LC connectors, also known as Lucent Connectors, Little Connectors, or Local Connectors, are snap-in connectors typically used for high-density connections and are compatible with plug-and-play devices. This 9/125 OS2 single mode fiber optic cable is ideal for 1G/10G/25G/40G/100G/400G Ethernet connections. It can transmit data up to 10km at 1310nm wavelength, or up to 40km at 1550nm wavelength.

#### Applications Of Fiber Optic Patch Cable:

1. Data centers
2. Ethernet applications
3. FTTH applications
4. Backbone, horizontal and riser applications
5. Video, data and voice services
6. Test equipment applications

#### Features Of Fiber Optic Patch Cable:

1. Duplex Fiber
2. High Speed, Single Mode
3. UPC Polish Type to Maximize Signal Transmission
4. Compatible with SFP Modules and XFP Transceivers
5. UL, RoHS materials compliant

#### Specifications Of Fiber Optic Patch Cable:

Characteristics	Standard Fiber Cable Assemblies
Connector Type	MTRJ to LC
Polish Type	UPC to UPC
Ferrule Materials	Zirconia Ceramic
Fiber Type	Single Mode(G.657A1)
Testing Wavelength	1310/1550nm
Min. Bend Radius(Fiber Core)	10mm
Min. Bend Radius(Fiber Cable)	10/5D (Dynamic/Static)
Exchangeability	≤0.2dB
Attenuation at 1310 nm	0.36dB/km
Attenuation at 1550 nm	0.22dB/km
Polarity	A (Tx) to B (Rx)
Operating Temp. (C)	-20°C ~+70°C
Storage Temp. (°C)	-40°C ~ +85°C

#### FAQ

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.



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