



FIBERMANIA

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

## 1M LC to MTRJ Duplex OM1 62.5/125 Multimode Fiber Patch Cord, 3.0mm, OFNR – Orange

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Fiber-Mania
- Model Number: LCMJ-M1023ROR01
- Minimum Order Quantity: 10
- Packaging Details: Standard Packing
- Delivery Time: 3-7 days
- Payment Terms: L/C, Western Union, MoneyGram, T/T, D/P, D/A
- Supply Ability: 500,000 per month



### Product Specification

- Fiber Diameter: 9/125  $\mu\text{m}$  (Single-mode), 50/125  $\mu\text{m}$  (Multi-mode), 62.5/125  $\mu\text{m}$  (Multi-mode)
- Core: 72 Core
- Crush Resistance: 1000N/100mm (Short Term), 300N/100mm (Long Term)
- Oem: Support
- Fiber: G.652D/G.657A
- Tensile Strength: 100N (Short Term), 50N (Long Term)
- Flame Retardant Rating: UL94V-0, IEC60332-3
- Bend Radius: 10 Times Cable Diameter (Static), 20 Times Cable Diameter (Dynamic)
- Fiber Color: Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
- Cable Length: Customized
- Number Of Conductors: 2 4 6 12 24 48
- Fiber Length: Customized Length, Typically 1km, 2km, 3km, 5km, 10km

## Product Description

The **1 Meter LC to MTRJ Duplex OM1 Multimode Patch Cord** is designed to provide dependable hybrid connections in structured cabling, LAN, and telecommunications networks. Featuring a 62.5/125  $\mu\text{m}$  OM1 multimode fiber core, this cable supports stable optical performance across short to medium transmission distances, making it ideal for backbone links and equipment interconnects in data centers and enterprise environments.

One end of the cable is terminated with **precision LC/UPC connector**, while the other features a **female MTRJ interface**, allowing seamless integration between devices that use different connector standards. The **3.0 mm riser-rated OFNR jacket** ensures durability and flame resistance for safe indoor installations. Its **bright orange sheath** provides clear identification and simplifies cable management during deployment and maintenance.

Engineered for versatility and ease of use, this duplex patch cord delivers a balance of performance and cost-effectiveness for multimode network applications.

### Key Specifications

**Connector Type:** LC/UPC to MTRJ Female

**Fiber Type:** OM1 Multimode

**Core/Cladding Diameter:** 62.5/125  $\mu\text{m}$

**Fiber Count:** Duplex

**Cable Length:** 1 Meter (Custom lengths available)

**Jacket Type:** OFNR (Riser-rated)

**Outer Diameter:** 3.0 mm

**Color:** Orange

### Features

Hybrid **LC to MTRJ duplex** configuration enables flexible network interfacing.

**OM1 multimode fiber** supports efficient short-range data transmission for LAN and telecom applications.

**OFNR-rated jacket** meets riser installation safety standards with flame-retardant properties.

Offered in a range of fiber types (OS2, OM2, OM3, OM4, OM5) and jacket materials (OFNP, LSZH) to suit various environments.

**UL and RoHS compliant**, ensuring adherence to safety and environmental regulations.

Lightweight, **3.0 mm flexible construction** for easy routing and installation in racks and cable trays.

### Typical Applications

LAN and data center backbone cabling

Telecommunications infrastructure

Mixed-interface multimode networks

Patch panel connections and structured cabling systems

Fiber optic testing and measurement setups



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