

Model : FO.MMDP.LC.625.xM

x = Length: 1 / 2 / 3 / 5 / 10 / 15 / 20 / 25 / 30 / 40 / 50

Description : LC-LC, Multimode Fiber Patchcord, Duplex 62.5/125µm, LSZH (1m to 50m)



This LC-LC multimode fiber optic patch cable is designed for reliable, high-performance data transmission between ethernet application within the networking. A cost-effective solution that provides high bandwidth and stable transmission rates over short distances.

Each connection has great durability and is resistant to pulls, strains and impacts during installation. Our cables are 100% optically inspected and tested for insertion loss before you receive them. A pull-proof jacket design surrounds the Multimode, OM1, 62.5/125 fiber which is immune to electrical interference.

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Features:

- LC to LC, duplex configuration for simultaneous bidirectional communication
- Multimode 62.5/125 µm, optimized for legacy multimode networks and compatible with OM1 standards
- LSZH (Low Smoke Zero Halogen) cable jacket for enhanced safety, minimizing toxic emissions in case of fire
- Precision-polished connectors with ceramic ferrules ensure low insertion loss and long-term reliability
- Orange jacket for easy identification of multimode fiber
- Cost-effective solution for short-range optical links
- Easy installation with compact LC connectors
- High compatibility with existing multimode infrastructure

High-quality Material

- **OM1 (62.5/125)**
- **PVC Zip Cord, OFNR Jacketing**
- **lightweight, flexible and non-flammable**



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Specifications:

Connector Type	LC (UPC) to LC (UPC)
Cable Type	Duplex (two fibers)
Fiber Mode	MM (multimode); G651.1 (62.5/125µm)
Jacket Material	LSZH (Low Smoke Zero Halogen)
Jacket Color	Orange (standard for OM1 multimode)
Insertion Loss	PC≤ 0.2dB, UPC≤ 0.2dB, APC≤ 0.3dB; Typical 0.1dB;
Return Loss	SM PC≥ 50dB, UPC≥ 55dB, APC≥ 65dB; MM PC≥ 35dB, UPC≥ 35dB
Interchangeability	≤ 0.2dB
Salt Spray	≤ 0.2dB
Repeatability	(1000 times) ≤ 0.1dB
Vibration	(550Hz 1.5mm) ≤ 0.1dB
High Temperature	(+85 °C sustain 100 hours) ≤ 0.2dB
Low Temperature	(-40 °C sustain 100 hours) ≤ 0.2dB
Temperature Circularly	(-40 °C+85 °C sustain 100 hours) ≤ 0.2dB
Humidity	(+25+65 93 R. H. 100 hours) ≤ 0.2dB
Apex Offset	0µm≤ ≤ 50µm
Radius of Curvature	7mm≤ ≤ 25mm



Duplex Connector OM1 62.5/125µm



UPC ferrule



Minimum Bend Radius 15mm



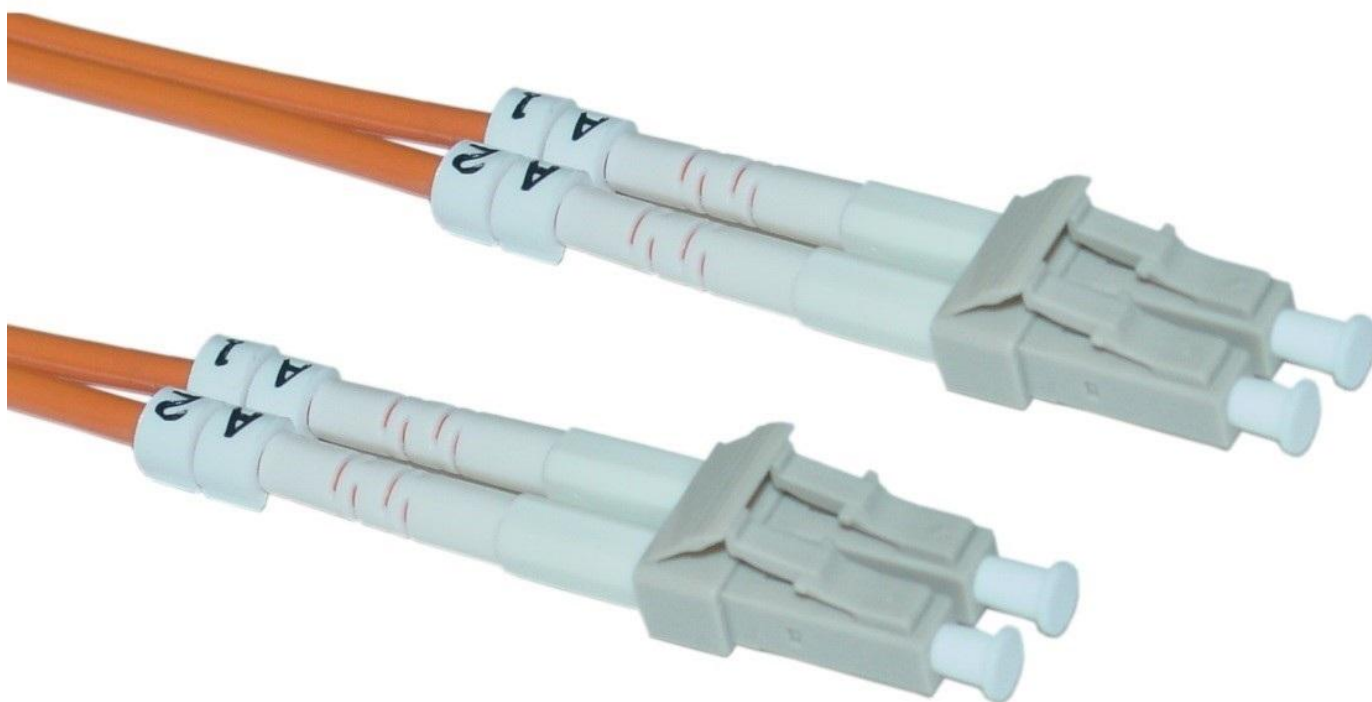
Insertion Loss ≤0.3dB
Return Loss ≥30dB

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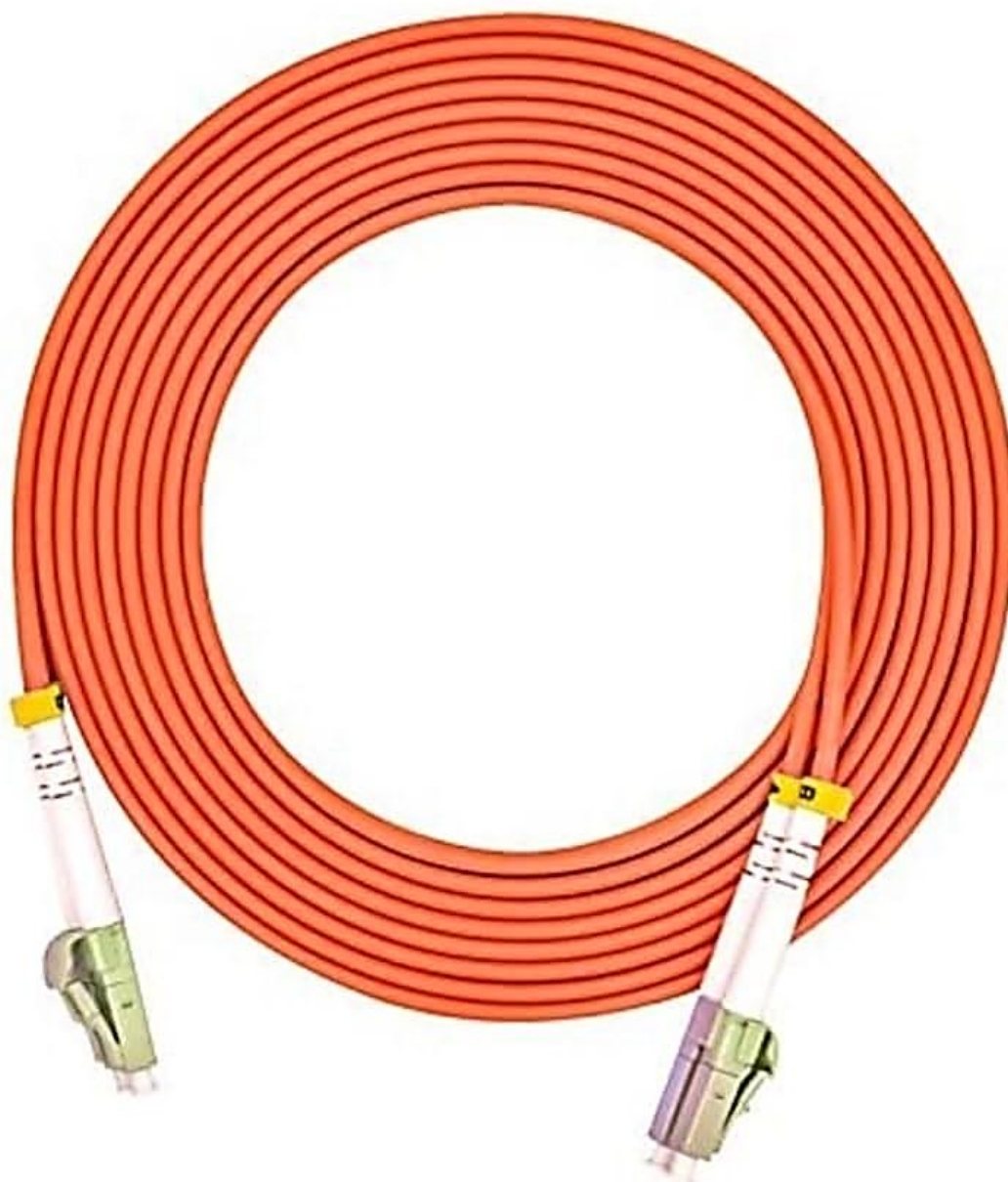
Product Picture:



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Application Diagram:



Package Contents:

1 x ATZ LC-LC, Multimode Fiber Patchcord, Duplex 62.5/125µm, LSZH (1m to 50m)