

Multimode fiber optic cable lc



AI Overview

Multimode LC fiber optic cables are high-performance cables with LC connectors, designed for short- to medium-distance data transmission in high-speed networks.

Overview

Multimode LC fiber optic cables use LC (Lucent Connector) connectors, which are small form-factor connectors with 1.25mm ceramic ferrules, ideal for high-density network environments . These cables are designed to transmit data over multimode fiber, which has a larger core (typically 50/125 μm or 62.5/125 μm) than singlemode fiber, allowing multiple light modes to propagate simultaneously . They are commonly used in data centers, LANs, and enterprise networks for connecting switches, servers, and storage devices.

Types and Standards

- OM1 (62.5/125 μm): Supports 1–10 Gbps over short distances, typically up to 300 meters for 1 Gbps networks .
- OM3 (50/125 μm , laser-optimized): Supports 10 Gbps up to 300 meters and 40/100 Gbps up to 100 meters, suitable for modern high-speed networks .
- OM4 (50/125 μm , enhanced laser-optimized): Extends OM3 performance, supporting 10 Gbps up to 550 meters and 40/100 Gbps up to 150 meters, ideal for 40G/100G data center applications .

Construction and Features...



Article Content

Dec 23, 2025

4m (13ft) LC to LC (UPC) OM4 Multimode Fiber Optic

WIDE COMPATIBILITY: OM4 multimode cable supports 10/40/100G networks;
Backward compatible with

Nov 15, 2025

Universal LC Fiber Cables

ULC to ULC Singlemode Fiber Optic Cables, 9/125 with OFNP Jacket L-com's Universal LC Fiber Cables are a great option for high

Jul 28, 2025

LC to LC Fiber Optic Cables Duplex Singlemode Multimode OFNR OFNP Fiber ...

OM3 LC LC Indoor/Outdoor Duplex Fiber Patch Cable, 10Gb Multimode 50/125um optical fiber cable (10Gb up to 300 meters).

Apr 04, 2026

LC to LC Single mode & Multimode Fiber Optic Patch

Buy LC fiber optic cable assemblies w/ best price, Ultra Low Loss/Armored/Switchable/Uniboot LC cables,

Dec 17, 2025

BEYONDTECH 1m (3ft) LC to LC Fiber Patch Cable -

BEYONDTECH 1m (3ft) LC to LC Fiber Patch Cable - (1 Pack) UPC Multimode Duplex Fiber Optic Cable

Aug 01, 2025

OM3 LC LC Fiber Patch Cables, 0.2m (0.66ft) OM3

OM3 LC to LC Multimode Duplex Fiber patch cords is specially designed for connecting 10G SR, 40G BIDI

Feb 17, 2026

OM3 LC to LC Fiber Patch Cable, 1m 10Gb Multi-Mode

Flexible Wiring: Bending-insensitive Multimode Fiber (BIMMF) allows 7.5mm

Apr 03, 2026

OM2 Duplex Fiber Patch Cables | 50/125 LC SC ST Multimode Fiber Cables

OM2 LC to SC 50/125 Multimode Duplex fiber optic patch cable. Terminated with durable ceramic ferrule LC/SC connectors, this

Oct 11, 2025

Fiber Patch Cable

3m Fiber Optic Cable - Multimode Duplex 62.5/125 LSZH Fiber Jumper Cord - LC/LC Connect fiber network devices for high-speed

Feb 05, 2026

LC to LC Single mode & Multimode Fiber Optic Patch Cable

Kaufen Sie LC-Glasfaserkabel mit bestem Preis, verlustarmen / verliebten / schaltbaren / Uniboot-LC-Kabeln, Singlemode- und

Apr 30, 2026

FLYPROFiber

□□0.2M (7inch), OM4 LC-LC Fiber Optic Patch Cable Multimode 40/100Gb is designed for high density applications in gigabit ethernet,

Sep 14, 2025

Ultra Spec Cables 1 Meter Multimode Duplex Fiber Optic Cable

Buy Ultra Spec Cables 1 Meter Multimode Duplex Fiber Optic Cable (62.5/125) - LC to LC - Orange: Optical - Amazon FREE

Dec 15, 2025

BEYONDTECH 1m (3ft) LC to LC Fiber Patch Cable -

Superior Performance: Beyondtech LC to LC Multimode Fiber Patch Cable supports high-speed data for

Sep 14, 2025

OM4 Multimode Fiber Optic Cables for 40G/100G

Get OM4 multimode fiber optic cables 50/125 with bend insensitive fiber design that support 40G/100G

Aug 18, 2025

LC Multimode Fiber Optic Cable Assemblies - Mouser

Mouser offers inventory, pricing, & datasheets for LC Multimode Fiber Optic Cable Assemblies.

Mar 30, 2026

Amazon : Multimode Fiber Cable

FLYPROFiber- LC to LC Fiber Patch Cable 1M/3ft, OM3 Multimode Fiber Optic Cable Cord, 10GB/40GB, Duplex, 50/125um, LSZH,

Jan 19, 2026

Single Mode vs. Multimode Fiber: Core Differences and Selection Guide

How do you choose between single mode and multimode fiber? Compare their differences in core size, light source,

May 14, 2026

LC-LC OM3 Multimode Fiber Optic Patch Cables | OM3

AZE offers LC-LC OM3 multimode fiber patch cable with bend insensitive fiber design that is optimal for

Feb 02, 2026

Duplex Multimode 50/125 Fiber Optic Cable LC-LC,

This multimode duplex Fibre Channel optic LC/LC Ethernet cable is manufactured from 50/125 zipcord

Dec 03, 2025

Multimode LC Connectors Fiber Optic Connectors – Mouser

Multimode LC Connectors Fiber Optic Connectors are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets

Oct 30, 2025

FS Community

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Dec 27, 2025

0.2m (0.66ft) OM4 LC LC Fiber Patch Cables MMF Multimode

RamboCables OM4 LC-LC optic fiber patch cables help saving more space for your high density cabling in data centers, enterprise

Aug 26, 2025

LC Fiber Patch Cables | Singlemode & Multimode with

OM3 LC LC Indoor/Outdoor Duplex Fiber Patch Cable, 10Gb Multimode 50/125um optical fiber cable

Nov 21, 2025

LC to LC Multimode Fiber Patch Cable, 1 Meter | Eaton

This LC to LC multimode fiber optic patch cable is well-suited for 40/100 Gb Ethernet applications up to

Oct 13, 2025

LC to LC Fiber Optic Cables Duplex Singlemode

OM3 LC LC Indoor/Outdoor Duplex Fiber Patch Cable, 10Gb Multimode 50/125um optical fiber cable

Oct 01, 2025

LC Vs SC Vs FC Vs MPO Fiber Optic Connectors: Expert Guide

Compare LC, SC, FC, ST, MPO & MTP fiber optic connectors with expert insights. Learn which connector fits your

Apr 25, 2026

Fiber Optic Cable Types – Multimode and Single Mode

Fiber Optic Cable Types – Multimode and Single Mode Application Fiber Optic connectors

Mar 06, 2026

0.2m OM3 LC to LC Fiber Patch Cable, 10GB Multimode Fiber Jumper ...

OM3 Multimode Fiber: 0.2 meter/0.65 ft OM3 LC to LC Multimode Duplex Fiber Optic Cable, MMF, UPC Polish, 50/125um; It is

Mar 20, 2026

Monoprice Academy | Single Mode vs. Multimode

When planning a fiber optic cable installation for your business or home network, understanding the differences between Single

Contact Us

For more information, pricing, or custom solutions, please contact us:

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