

Fiber optic single-mode single-fiber patch cord lc-lc



Article Overview

A Single Mode LC fiber optic patch cord is a high-precision cable used to connect optical devices, featuring LC connectors and designed for long-distance, low-loss signal transmission.

Overview

A Single Mode LC patch cord is a fiber optic cable that uses a single light path to transmit data, making it ideal for long-distance communication and high-speed networks. The LC connector is a small form-factor connector that ensures reliable, low-loss connections in tight spaces, commonly used in data centers, telecom networks, and enterprise environments .

Key Features

- Fiber Type: Single Mode (SM), optimized for long-distance transmission with minimal signal attenuation .
- Connector Type: LC on one or both ends; can also be paired with SC or other connectors depending on network requirements .
- Configuration: Simplex (single fiber) or Duplex (two fibers for bidirectional communication), .
- Length Options: Available in standard lengths such as 1m, 2m, 3m, or custom lengths as required .
- Polish Type: UPC (Ultra Physical Contact) for low insertion loss and high return los...

Article Content

Jun 03, 2026

LC to LC Singlemode Duplex Fiber Optic Patch Cable Assemblies

Corning LC to LC Patch cord, 1 F, Tight-Buffered Cable, LSZH, 1.6 mm legs Single-mode (SMF-28 Ultra), 1 M Part Number:

Dec 08, 2025

1m (3ft) OS2 SC to LC Single Mode Fiber Patch Cables ...

About this item [OS2 SC-LC Single Mode Duplex Fiber Patch Cable 1m/3ft]
RamboCables Fiber Optic Patch Cords SC to LC Single

Nov 03, 2025

LC/UPC to LC/UPC Duplex Fiber Optic Patch Cable

Our singlemode fiber optic patch cable is specifically designed using SMF-28e fiber that provides high

Nov 14, 2025

Fiber Optic Patch Cable, LC to LC, Single Mode 9/125,

These high speed single-mode 9/125µm duplex fiber optic patch cables are terminated with LC fiber optic

Oct 04, 2025

FLYPROFiber

About this item □□1M (3ft) OS2 SC-LC Fiber Optic Patch Cable Single Mode 1G/10G is designed for high density applications in gigabit

Dec 11, 2025

Amazon : Lc Single Mode Fiber Patch Cable

FLYPROFiber- 2M-6Pack LC to LC Single Mode Fiber Patch Cable OS2, SM Fiber Optic Cable, SMF Singlemode Fiber Jumper

May 26, 2026

KeepFly Fiber

High-Speed Connectivity:Engineered for seamless high-speed data transmission,our OS2 LC to LC Fiber

Oct 27, 2025

Single Mode Patch Cords

Techlogiks Single Mode fiber patch cords provide connections from active components to patch panels and

Nov 06, 2025

LC to LC Single mode & Multimode Fiber Optic Patch

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

Dec 12, 2025

Outdoor Fiber Patch Cord, Singlemode, LC Duplex, with Pulling

Outdoor fiber patch cord, singlemode, riser, tight buffer, 2mm - 8" breakout, LC, LC, duplex, built to specified length, with pulling sheath.

Jul 17, 2026

LC-LC OS1 Singlemode Fibre Optic Patch Cables | OS1 LC-LC Fibre

All of our Fibre Optic Patch Leads are UL approved Cables so you can rest assured that you are getting industry leading quality from

Jan 23, 2026

Fiber Optic Patch Cord Simplex LC to LC Single Mode

The Polyphaser FPC1LCLC-0SMRY30-01 is a LC to LC Simplex 9/125 single mode 3.0mm diameter fiber

Aug 07, 2025

LC to LC OS2 Fiber Patch Cable 0.5m (1.6ft) 5 Pack ...

ADVANTAGES: LC to LC OS2 Fiber Patch Cables offer plug-and-play convenience, eliminating the need for onsite termination,

Oct 03, 2025

SC-LC Fiber Patch Cords

Amphenol duplex SC to LC fiber optic patch cords combine duplex zip-cord style 9u OS1 Single Mode Fiber (SMF) terminated with

Sep 06, 2025

Fiber Optic Patch Cables — SC, LC, FC, ST, Single

Available in a wide range of connector types, including LC, SC, FC, and ST, these fiber patch cables can

Jan 12, 2026

Beyondtech LC to LC Fiber Patch Cable Single Mode

LC to LC Fiber Patch Cable Single Mode Duplex - 1m (3.28ft) - 9/125um OS1 (2 Pack) - Beyondtech

Aug 25, 2025

Amazon : Single Mode Fiber Lc To Lc

FLYPROFiber- 6 Pack 2M LC to LC Single Mode Fiber Patch Cable OS2, SM Fiber Optic Cable, SMF Singlemode Fiber Jumper

Jun 21, 2026

Fibre Optic Patch Leads & Cables for Sale

FS offers full range of fibre optic patch leads & cables with bend insensitive fibre design that support fibre

Nov 08, 2025

Amazon : Single Mode Fiber Lc To Lc

100 Meters 4 Core Industrial TPU LC to LC Outdoor Armored Fiber Optic Cable, 4 Strands OS2 Single Mode Fiber Patch Cable with

Apr 13, 2026

Single Mode Fiber Cables, Single-mode Duplex Cables, OS2 Patch

OS2 LC LC Armored Fiber Patch Cables | Duplex LC to LC Singlemode 9/125 jumper cord. Terminated with small form factor (SFF)

May 19, 2026

LC Fiber Patch Cables | Singlemode & Multimode with

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

Oct 18, 2025

BEYONDTECH 3m (9.84 ft) LC to LC Fiber Patch Cable

About this item Superior Performance: Beyondtech UPC Singlemode LC to LC Fiber Cable supports ATM,

Jan 27, 2026

LC To LC Singlemode Duplex Fiber Patch Cables | APC and UPC

Our Singlemode Fiber Optic Patch Cables are in stock ready to ship. Ceramic ferrules provide precise alignment, and clips ensure

Jan 08, 2026

LC Fiber Optics: A Comprehensive Guide

LC fiber connector products are robust optical solutions designed for telecom applications, encompassing LC fiber

Oct 23, 2025

1m LC to LC Fiber Optic Patch Cord | Fiber Cables & Adapters

1m Fiber Optic Cable - Single-Mode Duplex 9/125 LSZH Fiber Jumper Cord - LC/LC Connect fiber network devices for high-speed

May 19, 2026

Amazon : Lc Single Mode Fiber Patch Cable

100ft/30m LC to LC Armored Outdoor Fiber Optic Cable, Single Mode Duplex Fiber Patch Cable, 9/125um LC Fiber Jumper,

Jul 08, 2026

LC/APC to LC/APC Simplex Fiber Optic Patch Cable

Our fiber optic cable is inspected & tested for insertion loss. A pull-proof jacket surrounds singlemode fiber which is immune to

Apr 29, 2026

LC LC Single Mode Patch Cord

LC LC Single Mode Patch Cord is a cost-effective solution for high-performance fiber-optic networks. It provides high bandwidth,

Jun 08, 2026

Patch Cord LC Singlemode Fiber Optic Cable Assemblies

Mouser offers inventory, pricing, & datasheets for Patch Cord LC Singlemode Fiber Optic Cable Assemblies.

Contact Us

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