

LC to ST fiber optic single-mode patch cord

Article Overview

An LC to ST single-mode fiber optic patch cord is a high-performance cable designed for long-distance optical communication, featuring LC and ST connectors, low attenuation, and compliance with industry standards.

Overview

An LC to ST single-mode patch cord is a fiber optic cable with an LC connector on one end and an ST connector on the other, designed for single-mode applications that require long-distance data transmission. Single-mode fiber typically has a 9/125 μm core/cladding diameter, allowing only one light propagation mode, which minimizes signal loss and supports high-bandwidth communication over long distances .

Key Specifications

- Fiber Type: Single-mode (OS1 or OS2), optimized for long-distance transmission .
- Connector Types: LC (Lucent Connector) and ST (Straight Tip) with UPC (Ultra Physical Contact) polish for low back reflection and improved signal quality .
- Attenuation: Low signal loss, typically around 0.25 dB/km at 1550 nm and 0.35 dB/km at 1310 nm, suitable for GPON, FTTX, and enterprise networks .
- Cable Jacket: Options include PVC, riser-rated, or plenum-rated, with flexibility for indoor and outdoor installations .
- Operating Temperature: Typically from -20°C to 70°C, with a minimum bending radius of 5 cm during installation

Article Content

Oct 16, 2025

9/125, Singlemode Fiber Cable, ST / LC, 3.0m

L-com's 9/125 Simplex Singlemode fiber optic cables are constructed of the highest quality components

Jul 11, 2026

BEYONDTECH 1m (3.28ft) LC to SC Fiber Patch Cable

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

Aug 18, 2025

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

OS2 LC LC Single Mode Fiber Patch Cable | 1Gb/10Gb Duplex 9/125 LC to LC Singlemode Jumper Cord. Manufactured with the

Dec 20, 2025

Fiber Patchcord | Single Mode & Multimode Fiber Patch

Browse fiber patch cords including single-mode and multimode options with LC, SC, FC, and ST

Jan 22, 2026

Singlemode Fiber Optic Patch Cables | LC, SC, ST

Singlemode Fiber Optic Patch Cables Custom made in USA This category includes a range of custom and

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Fibre Patch Cord Single Mode LC-ST

Shop the Fibre Patch Cord Single Mode LC-ST for high bandwidth and long-distance performance. Ideal

May 11, 2026

LC-ST OS2 Singlemode Duplex Fiber Patch Cable

This provides an ideal fiber cabling solution with a highly competitive price for users in data communication and telecommunication

Sep 18, 2025

OS2 LC ST Duplex Fiber Patch Cable 9/125 Singlemode

OS2 LC to ST 9/125 Single-mode Duplex Fiber Optic Patch Cables, manufactured with the highest quality Corning

Dec 06, 2025

Fiber Optic Patch Cords

APPLICATION Fiber Optic Patch Cords are designed to interconnect or cross connect fiber networks within structured cabling

Jan 08, 2026

Fibergaga-OS2 LC to ST Fiber Patch Cable,1M (3ft)

ST/UPC-LC/UPC single- mode optical fiber fiber with fiber diameter of 2.0mm and

Oct 03, 2025

LC to ST Fiber Optic Cables

OM1 LC ST Duplex Fiber Patch Cable 62.5/125 Multimode. OFNR Riser Rated fiber optic assembly with duplex ST fiber connectors

Feb 20, 2026

Fibergaga-OS2 LC to ST Fiber Patch Cable,1M (3ft) Single-Mode Fiber ...

□Wide Compatibility□: This OS2 LC/UPC to ST/UPC single-mode fiber optic cable is Compatible with all standard fibre optic

Aug 21, 2025

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

OS2 LC to ST 9/125 Single-mode Duplex Fiber Optic Patch Cables, manufactured with the highest quality Corning optical fiber glass

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Optical fiber connector

Field-mountable optical fiber connectors are used to join optical fiber jumper cables that contain one single-mode fiber. Field

Feb 18, 2026

Single Mode Fiber Patch Cables

Single Mode OS2 fiber patch cords are used for single-mode applications. single-mode fiber is used for

Jun 17, 2026

BEYONDTECH 1m (3.28ft) LC to ST Fiber Patch Cable

About this item Superior Performance: Beyondtech LC to ST Multimode Fiber Patch Cable supports high

Aug 03, 2025

LC to ST Corning Single Mode Fiber Optic Patch Cables Assemblies

Discover LC to ST Singlemode Ultra Fiber Cables at iFiberOptix for long-distance, high-speed data transmission with low signal loss.

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LC to ST Fibre Patch Leads/Cables

broadbandbuyer''s range of LC to ST Fibre patch leads are often chosen by installers because they have a much greater bandwidth

Dec 28, 2025

LC-ST OS2 Singlemode Simplex Fiber Patch Cable

Those LC to ST 9/125µm single mode OS2 fiber patch cables support long transmission distances with

Oct 30, 2025

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

We offer a complete range of fiber optic patch cables, including LC patch cables, SC patch cords, and LC

Jan 28, 2026

10M Fiber Optic Cable

10M Fiber Optic Cable - Single Mode LC to ST With LC to ST connectors, this fiber patch cable is ready for

Aug 26, 2025

LC-ST OS2 Singlemode Duplex Fiber Patch Cable

Optcore offers an extensive line of LC to ST 9/125µm OS2 single-mode duplex fiber optic patch cables with many choices of different

Oct 08, 2025

Amazon : Lc To Lc Fiber Patch Cable

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

Jul 26, 2025

Amazon : Lc To St Fiber Patch Cable

Fibergaga-OS2 LC to ST Fiber Patch Cable,3M (10ft) Single-Mode Fiber, Duplex 9/125µm, OD 2.0mm Fiber Optic Cable, Jumper

Mar 26, 2026

LC to ST Fiber Optic Cables

OS2 LC to ST 9/125 Single-mode Duplex Fiber Optic Patch Cables, manufactured with the highest quality Corning optical fiber glass

Jun 05, 2026

1ft Fiber Optic Adapter Cable LC (Male) to ST (Female ...

Product Description LC Male - ST Female Duplex (2 Strand) Fiber optic adapter cable. Singlemode (9/125) yellow.

Jul 22, 2026

LC to ST Corning Single Mode Fiber Optic Patch

An LC to ST Singlemode Ultra Fiber Cable combines the compact LC connector with the secure ST

Contact Us

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