

FC to LC fiber optic patch cord



Overview

Description Fiber Optic Patch Cable also known as fiber patch cord cable, optical cable or fiber optic jumper.

Key Takeaways

An FC to LC fiber optic patch cord connects devices with FC and LC connectors, supporting high-speed, low-loss data transmission in single-mode or multi-mode networks.

An FC to LC fiber optic patch cord is a short fiber optic cable with an FC (Ferrule Connector) on one end and an LC (Lucent Connector) on the other. It is designed to bridge devices with different connector types, enabling seamless communication in fiber optic networks. These patch cords are commonly used in optical fiber communication systems, data centers, local area networks, and test equipment.

Connector Types

- FC Connector: Screw-on metal housing, highly durable, resistant to vibration, ideal for secure connections in structured cabling or test equipment.
- LC Connector: Small, push-pull design with a latch mechanism, compact for high-density environments, easy to insert and remove.

Fiber Types

- Single-mode (9/125 μm): Best for long-distance communication, low signal loss, and high-speed data transfer.

- Multi-mode (50/125 μm or 62.5/125 μm): Suitable for shorter distances, often used in local networks or within buildings .

Key Features

- High-speed data transmission: Precision connectors minimize signal degradation, ensuring reliable communication .
- Flexibility: Connects devices with different connector types, enhancing network versatility .
- Space-efficient design: LC connector's compact size allows deployment in high-density racks or panels .
- Durability: FC connector's threaded design provides secure, vibration-resistant connections .
- Polish Options: Available in PC, UPC, or APC polish for optimized signal reflection and performance .

Applications

- Connecting switches, routers, and transceivers to patch panels or distribution frames.
- Linking fiber optic test equipment to network devices.
- Deployments in data centers, telecom networks, and optical access networks.
- Suitable for both indoor and plenum-rated installations, depending on cable jacket type .

Customization

Patch cords can be customized in length, fiber type, jacket diameter, and polish type, allowing adaptation to specific network requirements . Duplex or simplex configurations are available depending on whether bidirectional or unidirectional communication is needed . In summary, an FC to LC fiber optic patch cord is a versatile, high-performance cable that ensures reliable connectivity between devices with different connector types, supporting both long-distance single-mode and short-distance multi-mode applications while maintaining low signal loss and high data integrity .

Article Content

Fiber Optic Patch Cables: FC, SC, ST & LC Connector Guide 2026

Not sure which fiber optic patch cable to buy? This practical guide breaks down FC, SC, ST, and LC connectors—with

Amazon : Fc To Lc Fiber

Price and other details may vary based on product size and color.

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

This high-quality singlemode fiber optic cable is specifically designed using SMF
uxcell Fiber Cable,3 Meters 10Ft FC to LC Duplex 9/125

This FC to LC Single mode Duplex OS1 fiber patch cords operate at -20°C to

FC to LC Fiber Optic Patch Cables, FC-LC Fiber Optic Patch Cords

We supply FC LC fiber optic cable assemblies, these FC-LC fiber cables including
single mode and multimode types, in simplex and

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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

Fiber Optic Patch Cables

Fiber optic patch cords are used for short distance installations that connect to patch
panels, switches and

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or fiber optic jumper. As an important

LC to FC Fiber Patch Cable, 5M (16.4ft) Single-Mode

4☐PLUG AND PLAY - With grade-a 9/125 duplex fiber and superior component.

5☐USED WIDELY: LC to

Fiber-optic patch cord

A fiber-optic patch cord is a fiber-optic cable capped at each end with connectors that allow it to be rapidly and conveniently

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

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Explore CommScope high-quality fiber patch cords, riser cables, and fiber jumpers. Enhance your network connectivity with our

LC Fiber Patch Cables | Singlemode & Multimode with LC Fiber

OM2 LC to LC 50/125 Multimode Duplex fiber optic patch cable terminated with durable sff ceramic ferrule LC connectors. Zip-cord

FC To LC Fiber Patch Cord, LC FC Fiber Patch Cord, LC To FC Fiber Patch ...

The FC to LC Fiber Patch Cord serves as a vital bridge in establishing high-speed and dependable data connections. Its unique

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Fiber Patch Cord Connectors Demystified: LC vs SC vs ST vs FC

Not sure which fiber patch cord connector to use? Compare LC, SC, ST, and FC connectors by size, design,

SC vs LC Patch Cords: Key Differences & Uses

In the intricate world of fiber optic networks, even small components like connectors play a pivotal role in ensuring

Fiber Optic Patch Cord

Fiber Optic Patch Cord In this category, you will find various duplex and simplex LC/SC/FC/ST/Uniboot LC/MDC fiber optic

Fiber Patch Cables

Fiber patch cables and cords with various connectors on each end. Available for all sizes 3feet, 7feet, and 10feet. 100 percent tested

Fiber Optic Patch Cord LC Series

Description Fiber optic patch cord, also called fiber optic jumper or patch cables. LC series patch cord normally comes with LC-LC

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