

Dual LC to Single LC Adapter



AI Overview

A Dual LC to Single LC Adapter allows two LC fiber connections (duplex) to interface with a single LC port, enabling flexible fiber optic connectivity in networks.

Overview

A Dual LC to Single LC Adapter is designed to connect duplex LC fiber cables to a single LC port or device. This is useful when you need to consolidate two fiber strands into one connection point without compromising signal integrity. These adapters are compatible with single-mode or multimode LC cables depending on the specific product design .

Key Features

- Connector Type: LC (Lucent Connector) for both duplex and single connections .
- Insertion Loss: High-quality adapters typically have low insertion loss, around 0.1 dB, ensuring minimal signal degradation .
- Material: Ceramic ferrules are commonly used for precise alignment and durability, maintaining consistent low-loss performance .
- Locking Mechanism: Some adapters include lever or snap-lock features to prevent accidental disconnections .
- Compliance: Many adapters meet industry standards such as REACH, ensuring minimal hazardous substances .

Applications...

Article Content

Oct 02, 2025

LC/UPC auf LC/UPC Duplex OS2 Single Mode geschlossener LWL-Adapter ...

LC/UPC auf LC/UPC Duplex OS2 Single Mode geschlossener LWL-Adapter/Kupplung ohne Flansch, Product

Jun 27, 2026

LC Duplex Adapter UPC Single Mode (5 Pack) by

LC Duplex Adapter Singlemode by Beyondtech Beyondtech Fiber Optic LC Duplex Adapter Singlemode

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6 Pack Duplex LC to LC F/F Coupler Keystone Jack Modular

Military and Defense-Cables are compatible with all makes and models of switches, routers, enclosures, patch panels, media

Jul 05, 2026

EZYUMM 6 Pack Single Mode Fiber LC to LC Adapter, Duplex

Premium LC-LC Fiber Optic Coupler□ Engineered for flawless single-mode fiber connections, this duplex adapter features precision

Aug 07, 2025

LC Singlemode Duplex Fiber Adapter

However, when running a new data line is out of the question, Networx® Fiber Adapters will be there time and time again, far into the

May 18, 2026

Fiber Optic Couplers & Adapters

Our single mode fiber adapters feature ceramic sleeves for precision alignment and our multimode fiber adapters are built with

Jun 29, 2026

LC-LC Duplex Fiber Coupler

LC-LC Duplex Female-Female Fiber Coupler. This can be used for either multimode or singlemode applications.

Feb 26, 2026

LC Duplex Adapters Fiber Optic Connectors – Mouser

Mouser offers inventory, pricing, & datasheets for LC Duplex Adapters Fiber Optic Connectors.

Jul 24, 2025

LC Connectors and Adapters | OEM Optical Communication Solutions

We also manufacture an LC adapter family to support LC interconnection. Corning's extensive line of LC connectors offer great

Mar 29, 2026

Duplex LC Connector: Design, Fiber Types, and Best

This article explains what Duplex LC connectors are, how they work, the difference

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Fiber Adapters

CommScope fiber adapters and connectors—including LC to SC adapters—are designed for excellent optical and mechanical

Aug 24, 2025

Fiber Optic Adapter Cable Adapter | SC to LC and ST to LC ...

Versatile Compatibility: Enables seamless connection of fiber optic cables with SC to LC and ST to LC connectors, ensuring broad

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Single Mode Fiber Optic Adapters | SC, LC, FC & ST | Amerifiber

Shop single-mode fiber connectors in SC, LC, FC & ST styles. Simplex, duplex & quad configurations for telecom & long-distance

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LC/SC Singlemode Simplex Hybrid Fiber Adapter

Connect an LC fiber cable to an SC fiber cable with our LC/SC singlemode simplex hybrid adapter.

Apr 19, 2026

LC Duplex Adapters Fiber Optic Connectors – Mouser

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

Dec 16, 2025

Amazon : Lc Adapter

LCUPC Fiber Adapters are Pre-Cleaned & Extend LCUPC Optical Cables. Connects SM Simplex or Duplex Cables.

Nov 16, 2025

LC Duplex Fibre Optic Adapters | Farnell® UK

Buy LC Duplex Fibre Optic Adapters. Farnell® UK offers fast quotes, same day dispatch, fast delivery, wide inventory, datasheets &

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Duplex Singlemode Fiber Coupler LC-LC | Eaton

This coupler provides a simple and easy way to link together two Singlemode fiber optic cables with LC

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CableRack SC to LC Fiber Adapter 50/125 OM2

CableRack SC to LC Fiber Adapter 50/125 OM2 Multimode Duplex Converter Dongle Quickly convert SC

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LC Connectors/Adapters/Cable Assemblies

The adapters are available in snap-mount or screw-mount configurations, ceramic or metal

Mar 15, 2026

LC Connectors and Cable Assemblies

LC Adapters and Cable Assemblies meet the growing demand for small form factor, high-density fiber optic connectivity with simplex,

Jan 23, 2026

10-Pack LC to LC Duplex Single Mode Coupler, Fiber Optic ...

Buy 10-Pack LC to LC Duplex Single Mode Coupler, Fiber Optic Adapter for Singlemode Fiber Patch Cable: Optical - Amazon

Mar 14, 2026

Amazon : Lc To Lc Connectors

LCUPC Fiber Adapters are Pre-Cleaned & Extend LCUPC Optical Cables. Connects SM Simplex or Duplex Cables.

Feb 22, 2026

LC Adapters and Cable Assemblies

LC Adapters and Cable Assemblies LC Adapters and Cable Assemblies meet the growing demand for small form factor, high-density

Contact Us

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