

Fiber optic SC-SC coupler



Article Overview

An SC coupler is a device that connects and aligns SC fiber optic connectors, enabling efficient light transmission with minimal loss.

Overview

A fiber optic SC coupler (also called an adapter or mating sleeve) is used to connect two SC fiber optic connectors precisely, ensuring optimal light transmission and minimal signal loss . SC couplers are widely used in single-mode and multi-mode networks, including FTTX, data centers, and premise networks . They provide low insertion loss, high repeatability, and reliable mechanical performance.

Types of SC Couplers

- Simplex SC Coupler: Connects a single fiber to another single fiber, ideal for point-to-point connections .
- Duplex SC Coupler: Connects two fiber pairs, often used in bidirectional communication or duplex links .
- Quad SC Coupler: Connects four fiber pairs, suitable for high-density applications .
- Hybrid SC Coupler: Connects different connector types, such as LC to SC, enabling flexible network integration .
- Angle-Polished Coupler: Designed for low-loss, high-precision applications like DWDM systems .

Materials and Construction...

Article Content

Jun 09, 2026

Fiber Optic Cable Adapter Coupler SC-SC Duplex Multimode 5 Pack

Product Description Connect an SC duplex multimode network cable to an SC Duplex multimode fiber optic network cable. Couplers

Sep 13, 2025

Fiber Optic Cable Adapter Coupler SC-SC Simplex Singlemode

Connect an SC simplex singlemode network cable to an SC Simplex singlemode fiber optic network cable. Couplers are female to

Jun 11, 2026

Fiber Optic Couplings, Type SC | Corning

Corning offer a wide range of RoHS compliant SC couplings for all applications in Primise and FTTX networks. All couplings comply

Jul 16, 2026

SC to SC Multimode Fibre Optic Adapter, Simplex

Buy SC to SC UPC fibre optic adapter from reliable fibre optics supplier - FS , same-day shipping.

May 31, 2026

SC to SC Fiber Optic Cable Extension Coupler

Fiber Optic Cable Coupler is the simplest and cost-effective way to connect two fiber optic cables together

Sep 09, 2025

FiberCablesDirect SC to SC Female Fiber Optic Coupler

Product Description SC to SC Duplex Female to Female Fiber Coupler. This can be used for either multimode or singlemode

Apr 05, 2026

SC Fiber Optic Coupler | SC Simplex Coupler | SC Coupler

This SC Simplex Singlemode Coupler / Mating Sleeve is designed to couple together simplex SC UPC patch cables or connectors.

Nov 11, 2025

SC/APC Fiber Optic Coupler

Every SCAPC optical coupler is tested to ensure a high quality end product Clean & Ready to Install - All

Apr 01, 2026

Fibershack

Buy Fibershack - 3 ft / 1M SC/APC to SC/APC Fiber Optic Patch Cable - White - FTTH Home Fiber Internet Cable Singlemode

Mar 13, 2026

6 Pack SC-SC Duplex Fiber Optic Couplers

6 Pack SC to SC Duplex Female to Female Fiber Coupler. This can be used for either multimode or singlemode applications.

Mar 08, 2026

Fiber Optic Couplers & Adapters

Fiber Optic Adapters We offer many types of fiber adapters – for simplex or duplex cable; made of plastic or metal; single mode or

Feb 05, 2026

Duplex Plastic SC to SC Fiber Optic Couplers

The L-com Duplex Plastic SC to SC Fiber Optic Couplers are designed for mounting in standard rectangular cut out style panels.

Feb 08, 2026

Fiber Optic Coupler SC Simplex UPC Single Mode (5 Pack)

Fiber Optics Adapter: SC Simplex UPC Single Mode Beyondtech's SC to SC Single mode Simplex adapters are specially designed

Sep 26, 2025

SC to SC Duplex Fiber Optic Coupler

This SC to SC fiber optic coupler can be used to connect two duplex SC fiber optic cables. This SC fiber coupler is compatible with

Dec 14, 2025

Fiber Optic Couplers and Adapters – FiberShack

Our Fiber Optic Coupler, Adapter & Combination Kits are designed to manage every Fiber Optic Cable

Sep 21, 2025

Fiber Optic Connector Types Explained | FiberCablesDirect

Make sure you're choosing the correct fiber optic connector for peak performance. Learn more about fiber connector types in our guide.

May 20, 2026

Fibre Optic Couplers | Fibre Coupler Adaptors | 4Cabling

Find a full range of fibre optic adaptors to help you combine cables and extend your fibre network with a stronger signal. 4Cabling

Jul 06, 2026

Fiber Optic Coupler SC Simplex APC Single Mode (5 Pack) by Beyondtech

Fiber Optic Coupler SC Simplex APC Single Mode Beyondtech manufactures a wide range of fiber adaptors where precision

Feb 05, 2026

Fiber Optic Coupler SC to SC multimode duplex

Fiber optic coupler that allows the splicing of cables with the minimum possible loss. Allows splicing of multi-mode duplex (MM)

Oct 11, 2025

Fiber Optic Coupler SC to SC singlemode simplex

Fiber optic coupler that allows the splicing of cables with the minimum possible loss. Allows the splicing of

Contact Us

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