

Fiber optic coupler flange sc



Article Overview

Fiber optic coupler flanges are mechanical interfaces that enable precise alignment and secure mounting of fiber optic couplers, connectors, or feedthroughs in optical systems.

Overview

Fiber optic coupler flanges serve as mechanical adapters that allow fiber optic connectors, such as FC/PC, FC/APC, SMA, or SC types, to be coupled with optical components or free-space systems. They ensure accurate alignment, minimize insertion loss, and provide a stable mounting interface for both single-mode and multi-mode fibers .

Types and Threading

Flanges are available in several threaded series:

- Threaded optical wall flanges for direct mounting on optical benches or panels.
- SM05 (0.535"-40) and SM1 (1.035"-40) threaded flanges for integration with lens sleeves and optical couplers.
- C-Mount threaded flanges for standard optical setups . These flanges can convert between different connector types and are compatible with both narrow (2.0 mm) and wide (2.2 mm) key connectors, ensuring proper alignment of FC/PC and FC/APC jumpers .

Materials and Construction...

Article Content

Apr 19, 2026

Fiber Optic Standard Coupler, SC to SC Duplex, for

The Polyphaser OFC-SCSC-E-1B0PAQ0 is designed with a bronze sleeve for use with multimode fiber.

Feb 01, 2026

Fiber Optic Adapter, SC Simplex, standard, with flange, Green

Its standard, flanged design allows for easy integration into space-constrained installations. L-com's FOA-511B-GRN fiber optic

Jul 05, 2026

Fiber Optic Standard Coupler, SC to SC Simplex, for

The Polyphaser OFC-SCSC-A-1Z0PBL0 is designed with a ceramic sleeve for use with single mode fiber.

Aug 09, 2025

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

Jan 15, 2026

Fiber Adapters

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

Dec 20, 2025

SC/UPC Singlemode Duplex Adapter with Flange

We offer them as simplex or duplex SC fiber optic adapters for singlemode, or multimode applications. We

Nov 04, 2025

Cable Matters 6-Pack, SC to SC UPC Simplex OS2 Single Mode Fiber Optic ...

Expand Your Fiber Optic Network The Cable Matters SC to SC Simplex OS2 Single Mode Fiber Optic Adapter provides a simple

Jan 16, 2026

SC-SC Flange Fiber Coupler Fiber Optic Connector Adapter Square

Name: Flange Fiber Coupler Size: 3.2*1.2*0.9cm Material: SC and LC flame retardant ABS engineering clinker, ABS material, within

Apr 29, 2026

Fiber Optic Coupler, SC Duplex, Single Mode, No Flange, Blue

The L-com FOA-910 is a fiber optic coupler for use with SC duplex connectors. The L-com FOA-910 is designed for use with single

Oct 03, 2025

Fiber Optic Couplings, Type SC | Corning

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

Oct 18, 2025

SC APC Fiber Optic Coupler | SC Simplex Coupler | SC

This SC APC Simplex Singlemode Coupler / Adapter with flange is designed to couple together simplex

Sep 20, 2025

SC To SC Duplex Reduced Flange Fiber Optic Adapters

Durability: SC duplex reduced flange adapters are designed to be durable and long-lasting, with a high-quality

Nov 18, 2025

LC vs SC vs FC vs ST: A Complete Fiber Optic Connector Guide

Compare LC, SC, FC & ST fiber-optic connectors — size, coupling, and ideal use cases — to help you choose the

Dec 08, 2025

SC coupler, SC fiber coupler connector adapter SM flange single

Buy SC coupler, SC fiber coupler connector adapter SM flange single-mode simplex SC/UPC SC/APC, 10/30/50PCS online today!

May 13, 2026

Fiber Optic Adapters, Fiber Optic Couplers

Get low-loss fiber optic adapters/couplers with good repeatability and durability for precisely mating two ends of a fiber optic cable.

Dec 25, 2025

Fiber Optic SC Duplex Coupler

Fiber Optic SC Duplex Coupler - Multimode - Flange - Black The L-com FOA-914F is a fiber optic coupler for use with SC duplex

Apr 25, 2026

SC/APC Fiber Optic Adapter With Flange - Topfiberbox

We supply complete SC fiber optic adapters, these products have various types, including single mode and

Oct 14, 2025

Moocci 4 Pcs LC to SC Adapter (Female to Female) Fiber Optic

The LC to SC Fiber Coupler is specially designed to provide precise simplex fiber optic cable connection or Singlemode Patch Cords

Nov 24, 2025

Allan 10pcs/set SC-SC UPC Fiber Flange Simplex Single-mode Fiber optic ...

High-performance SC-SC UPC Fiber Flange Coupler for simplex single-mode fiber optic connections. This reliable adapter offers low

Nov 16, 2025

KINGSTER SC TO SC UPC FIBER OPTIC COUPLER

Reliable SC to SC UPC fiber optic coupler with flange design. Low-loss ceramic sleeve, supports single

Feb 20, 2026

Fiber Optic Connectors & Ceramic Ferrules | SC, LC,

Featuring high-precision Zirconia Ceramic ferrules for minimal signal loss, our selection includes industry

Dec 17, 2025

50PCS Fiber Coupler Simplex SC-APC Singlemode Fiber Optic

Buy KELUSHI 50PCS Fiber Coupler Simplex SC-APC Singlemode Fiber Optic Adapter Plastic SC Flange Coupler: Optical -

Nov 04, 2025

Hanutech Sc to Sc Fiber Coupler Flange Type Fiber Optical ...

Product description HANUTECH fiber optic adapter, sometimes also called a coupler, is a small device designed to terminate or link

Dec 14, 2025

Fiber Optic Standard Coupler, SC to SC Duplex, for MMF, w/ Flange ...

The Polyphaser OFC-SCSC-E-1B0PAQ0 is a duplex fiber optic coupler for use with SC connectors. The Polyphaser OFC-SCSC-E

Feb 15, 2026

SC Fiber Optic Coupler | SC Simplex Coupler

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

Sep 01, 2025

Fiber Optic Couplings, Type SC | Corning

Single-mode coupling for both PC and APC connections are equipped with Zirconia ceramic split sleeves to ensure best alignment

Jan 17, 2026

SC Fiber Couplers | Shop | Cables Plus USA

Sort By ICC IC107SC2XX - ICC, SC Fiber Optic Keystone Coupler with Simplex Port The feedthrough fiber optic modular jacks

May 28, 2026

Fiber Optic Standard Coupler, SC to SC Duplex, for

The Polyphaser OFC-SCSC-B-0Z0PBL0 is a duplex fiber optic coupler for use with SC connectors. The

Dec 30, 2025

LC Duplex SC Footprint Fiber Optic Adapter with Flange

By linking two connectors precisely, fiber optic adapters allow the light sources to be transmitted at most and lower the loss as much

Jan 21, 2026

SC/APC Fiber Optic Adapter Optical Duplex Coupler with Flange

Product Description SC fiber optic adapter can be used with terminal box, patch panel, splice closure and so on. They are assembled

Mar 01, 2026

Optical fiber connector

An optical fiber connector is a device used to link optical fibers, facilitating the efficient transmission of light signals. An optical fiber

Dec 15, 2025

Fiber Optic Couplers | Buy Online

Explore our selection of MTP/MPO, LC, SC, ST, and FC Fiber Optic couplers designed to seamlessly integrate with your fiber optic

Feb 06, 2026

LC Duplex SC Footprint Fiber Optic Adapter with Flange

LC Duplex SC Footprint Fiber Optic Adapter with Flange Overview A fiber optic adapter, sometimes also called a coupler, is a small

Sep 08, 2025

Fiber Optic Coupler, LC Duplex, Single Mode, SC

The FOA-975 is a high-quality fiber optic coupler in a SC footprint which allows for use in a variety of panel

Nov 09, 2025

SC UPC Duplex Fiber Optic Adapter with Flange Datasheet | FS

SC UPC Duplex Fiber Optic Adapter with Flange Overview A fiber optic adapter, sometimes also called a coupler, is a small device

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.chromadecksigns-eastrand.co.za>

Email: sales@chromadecksigns-eastrand.co.za

Phone: +32 2 318 5792

Address: Avenue Louise 500, 1050 Brussels, Belgium

This document is for informational purposes only. Specifications subject to change without notice.

