

# Fiber FC-FC Red Fiber



## Overview

The FC connector is a fiber-optic connector with a threaded body, which was designed for use in high-vibration environments. It is commonly used with both single-mode optical fiber and polarization-maintaining optical fiber. FC connectors are used in datacom, telecommunications, measurement equipment, and single-mode lasers. They are becoming less common, displaced by SC and LC. The fiber end is embedded in a 2.5 mm ferrule made of ceramic or metal. The tip is then typically polished to produce a rounded surface, called "physical contact" polish. This surface profile means that when two FC connectors' floating ferrules mate, they provide good mechanical isolation. FC connectors need to be mated more carefully than push-pull type connectors due to the need to align the key, and due to the risk of scratching the ferrule.



## Article Content

Apr 03, 2026

Hybrid Duplex Fiber Optic Adapter with Ceramic Sleeve and Low

Hybrid duplex SC-FC fiber optic adapter with ceramic sleeve ensures low 0.2dB insertion loss. Metal construction, Telcordia/IEC/ROHS certified, reliable for 1000+ matings. Ideal for FTTX, testing

Jun 13, 2026

Fiber Color Code: Complete Guide to Mastering

Understand fiber color codes and their meanings in this comprehensive guide. Learn more about outer fiber jacket color, inner cable

May 14, 2026

1~30dB FC/UPC/APC Type Variable Fiber Optic Attenuator for

1~30dB Single Mode Attenuator FC/UPC/APC Type 1260 To 1620nm Wavelength  
1~30dB FC/UPC/APC Type 1260 to 1620nm Wavelength Singlemode Attenuators  
Variable Fiber Optic Attenuator Product

Feb 28, 2026

FC (May 2026), Fiber Connect, Kissimmee USA

119 people interested. Rated 5.0 by 1 person. Check out who is attending exhibiting speaking schedule & agenda reviews timing entry ticket fees. 2026 edition of

Nov 19, 2025

Color Codes and Counting Directions for Fiber Optic Cables

About Color Code Systems Fibers, tubes and ribbons in fiber optic cables are marked with different colors and bar codes to facilitate identification. Hexatronic offers cables with color code systems

Aug 21, 2025

FC Connector Explained

The FC Connector offers a durable, threaded design for secure fiber optic connections. It is cost-effective and supports high-speed data transmission.

Feb 25, 2026

FC Series

Radiall has improved the crimping reliability thanks to a mini metallic tube protecting the fiber while reducing stress and ensuring excellent cable retention. Note: The optical performances also depend

Apr 13, 2026

Fiber connector options of fiber cables

Standard fiber cables are equipped with an FC Type connector (FC APC or FC PC). They can also be provided with fiber connectors of type AVIM (compatible with

Nov 28, 2025

Fiber Color Code: How is it in Fiber Cable, Connectors

Fiber Color Code for Fiber Connectors & Assemblies Fiber Color Code for Fiber Connectors such as SC LC FC ST As FC ST is of metallic body, so the

Jan 15, 2026

FC/UPC Single Mode Fiber Attenuator Fixed Male Female with High ...

FC/UPC single-mode fixed fiber attenuator (male-female) with zirconia ceramic ferrule. Offers 1-25dB attenuation,  $\pm 0.5$ dB accuracy,  $\geq 55$ dB return loss, and operates in  $-40 \sim 85^\circ\text{C}$ . Ideal for optical power

Feb 06, 2026

Single Mode FC/PC Fiber Optic Patch Cables

Thorlabs offers single mode patch cables with FC/PC connectors on both ends. Each cable is manufactured in our facility on state-of-the-art equipment. Available from stock, these cables feature

Jul 30, 2025

FC Connectors Fiber Optic Connectors - Mouser

Mouser offers inventory, pricing, & datasheets for FC Connectors Fiber Optic Connectors.

Apr 05, 2026

Choosing FC Connectors vs FC Adapters: A Beginner's

Understanding the differences between these two components and knowing when and how to use them is vital for professionals working with fiber

Apr 30, 2026

Differences Between ST, SC, FC, and LC Fiber

Learn the differences between ST, SC, FC, and LC fiber connectors. Explore connector types, PC/UPC/APC polish, single-mode vs multi-mode

May 06, 2026

FC connector

The FC connector is a fiber-optic connector with a threaded body, which was designed for use in high-vibration environments. It is commonly used with both

Jul 09, 2025

RPEN-210 Visual Fault Locator Pen 10mW 650nm

Buy RPEN-210: economy visual fault locator pen with 10mW 650nm red laser, tracing up to 10Km on 2.5mm ferrules (SC/ST/FC). Includes batteries for fiber

Mar 23, 2026

Optical Fiber Red Light Pen SC/FC Connectors 5/10/20/30/50km

Optical Fiber Red Light Pen SC/FC Connectors 5/10/20/30/50km Range 10MW No reviews yet Shenzhen Yiluda Communication Co., Ltd. 1 yr

Aug 26, 2025

Understanding Fiber Connector Types ST SC LC FC

When working with fiber optic technology, you'll frequently encounter terms like SC UPC, LC UPC, SC APC, LC APC, FC APC, and FC UPC. These designations

Mar 11, 2026

Fiber Connector Types • ST, FC, SC, LC, & MTP/MPO •

Often times when installing a fiber, you find yourself trying to select the most efficient fiber connector types for the application you are dealing with.

Nov 17, 2025

Fiber Color Code: Understanding the Basics and

- Fiber Optic Cable Colors: This video provides a visual guide to understanding fiber optic cable colors and their applications.

Jul 05, 2025

Red fiber laser 650nm 5mW~50mW fiber coupled laser Single-Mode FC

Red fiber laser 650nm 5mW~50mW fiber coupled laser Single-Mode FC interface  
Output Wavelength:650nm Output Power: 5mW~50mW (choose) Beam Divergence:  
0.6mrad Optical

Sep 01, 2025

### Optical Fiber Termination Types Chart: SC, LC, FC, ST Comparison

Compare optical fiber termination types, including SC, LC, FC, and ST. View our chart and learn how to choose the right connector for your network.

May 20, 2026

### 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 best fit for your network setup.

Jun 25, 2026

### Fibre Channel Protocol

Fibre Channel Protocol (FCP) is the SCSI interface protocol utilising an underlying Fibre Channel connection. The Fibre Channel standards define a high-speed data transfer mechanism that can be

## Contact Us

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