

FC fiber optic interface material



Overview

The FC connector is a fiber optic connector with a screw thread locking mechanism to withstand high-vibration environments. Radiall's FC connector is composed of a plated nickel housing and a 2.5 mm ceramic ferrule and is compliant with the CEI 61754-13 standard. It is commonly used with both single-mode optical fiber and polarization-maintaining optical fiber. Developed by NTT (Nippon Telegraph and Telephone) in the late 1970s as the "Field-Assembly Connector," FC Connectors were the first to feature a. Fiber connector types LC, SC, FC, ST, MTP, and MPO are widely used in past and present. What are the differences between them?

Who is the most popular one?

Find the answer in the article. What is a Fiber Connector?

The optical fiber connector is a kind of detachable passive optical component used. A fiber optic connector is a mechanical device used to align and join optical fibers, enabling light to pass through with minimal loss.



Article Content

Jun 17, 2026

Fiber Optic Connector Types: SC, LC, ST, FC, MTP/MPO | Weunion

As a leading provider of fiber optic solutions, Weunion understands the critical role of connectors in modern networks. This in-depth guide explores the technical nuances, applications, and best

Dec 06, 2025

Fiber Optic Cable vs Patch Cord vs Pigtail – Complete

When you build or upgrade a fiber network, the same four words pop up everywhere— fiber optic (bare fiber), pigtail, patch cord, optical cable. They're

Oct 29, 2025

100Pcs Ceramic Sleeve ST/FC Universal Fiber Optical Adapter Port ...

100Pcs Ceramic Sleeve ST/FC Universal Fiber Optical Adapter Port Interface m Price: US \$11.80 Product Description Features: Excellent anti-aging performance Good concentricity and inner hole

Dec 25, 2025

Part Search

ECIA Authorized Fiber Optic Connectors components are available from TTI. TTI offers inventory, pricing, & datasheets for Fiber Optic Connectors components from major suppliers.

Aug 05, 2025

Fiber Optic Patch Panel | ODF Optical Distribution

Optimize your network management with our high-density Fiber Optic Patch Panels and ODFs. Available in 1U/2U/4U rack mount and wall mount configurations,

Nov 03, 2025

Yctze 400X Handheld Fiber Optic Microscope, Portable Fiber

Universal Interface: 2.5mm and 1.25mm interfaces are configured, which has wide compatibility, can be used for SC FC ST LC interface. 400X Magnification: The fiber optic microscope can magnify 400

Jul 31, 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.

Feb 25, 2026

Fiber Optic Connectors & Ceramic Ferrules | SC, LC, FC, ST, MPO

Upgrade your network performance with our professional-grade Fiber Optic Connectors. Featuring high-precision Zirconia Ceramic ferrules for minimal signal loss, our selection includes industry-standard

Apr 25, 2026

Fiber Connector Types: A Comprehensive Guide 2025

We manufacture and supply a wide range of fiber optic connectors and assemblies for FTTH, data centers, and telecom networks. Contact us today for

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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 patchcords, which are used to connect

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8 Best OTDR Fiber Optic Testing Equipment (April 2026) Expert

Discover the 8 best OTDR fiber optic testing equipment (April 2026). Our expert reviews highlight reliable, high-performance tools for accurate fiber network diagnostics and testing.

Feb 10, 2026

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.

Oct 11, 2025

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.

Jun 17, 2026

Fiber Connector Types

However, the widely used types are about a dozen of fiber optic connectors, which can be divided into single-fiber, duplex fiber connectors (such as FC, LC, SC), and multi-fiber connectors

Jan 09, 2026

Mini Optical Fiber Power Meter-70~+6dBm,400mAh ABS

MULTI FUNCTION: This optical power meter supports functions such as lighting, automatic shutdown, memory wavelength, working frequency recognition, user calibration and more. UNIVERSAL

Jan 22, 2026

Detailed Explanation of FC, ST, SC, and LC Fiber-Optic Interfaces

It is an optical fiber connector that can be configured as duplex, triplex, or quadruplex, and is widely used in local area networks, fiber to the home, and the connection of optical modules in

May 24, 2026

Fiber Optical Power Meter Fiber Optical Cable Tester

Equipped with SC/FC connectors, this versatile device is compatible with various types of fiber optic cables, ensuring seamless connectivity and easy testing. With its wide measurement range of

Mar 28, 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 connector enables quicker

Sep 24, 2025

FC Type Fiber Optic Connectors

FC Type Fiber Optic Connectors HRFC Series Features JIS, IEC standard compliant and intermateability test certified. Comply with IEC 61754-13 and JIS C 5970(type F01). FC intermate test

Jul 09, 2025

FC Series

The FC connector is a fiber optic connector with a screw thread locking mechanism to withstand high-vibration environments Radiall's FC connector is composed of a plated nickel housing and a 2.5 mm

Apr 30, 2026

100Pcs Ceramic Sleeve ST/FC Universal Fiber Optical Adapter Port ...

100Pcs Ceramic Sleeve ST/FC Universal Fiber Optical Adapter Port Interface m Price: US \$12.69 SAFE & SECURE SHOPPING 100% SATISFACTION GUARANTEED FAST SHIPPING 100Pcs Ceramic

Oct 28, 2025

Amazon : Fiber Optic Light Source

Optical Fiber Power Meter Komshine KPM-35 with 7 Wavelengths -70~+10dB + Singlemode Multimode Fiber Light Source Komshine KLS-35-MS 850/1300nm+1310/1550nm (Self Calibration) Add to cart

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Fiber Optic Connectors | MEETOPTICS Academy

Fiber optic connectors align and connect two or more fibers together to provide a means for attaching to, or decoupling from, a transmitter, receiver, or any other

May 22, 2026

YAHHU 5 Pcs Fiber Optic Connector Cleaning Pen for 2.5mm SC ST FC

Comprehensive Kit: Includes 5 high-quality fiber optic connector cleaning pens, providing ample supply for extensive network maintenance. Universal Compatibility: Designed to flawlessly clean 2.5mm

Apr 05, 2026

Amazon : Optical Power Meter

Overall Pick Fiber Optic Cable Tester Portable Optical Fiber Power Meter FC/SC/ST Universal Interface Integrated OPM, VFL, and RJ45 Functions (OPM-VFL-1) 500+ bought in past month Add to cart

Jun 04, 2026

100Pcs Ceramic Sleeve ST/FC Universal Fiber Optical Adapter Port ...

When you click on links to various merchants on this site and make a purchase, this can result in this site earning a commission. Affiliate programs and affiliations include, but are not limited to, the eBay

Nov 20, 2025

2X Mini Optical Power Meter -M7 OPM Fiber Optical Cable Tester

2X Mini Optical Power Meter -M7 OPM Fiber Optical Cable Tester -70DBm-+10DBm SC/FC/ Universal Interface Connector No Ratings Brand: No Brand More Electrical from No Brand

Feb 19, 2026

Detailed Explanation of FC, ST, SC, and LC Fiber-Optic Interfaces

What are the classifications of optical fiber patch Cables? 4.1 AcCableing to different optical fiber connectors, common optical fiber patch Cables can be divided into: FC-FC, FC-ST, SC

Contact Us

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