FC Interface Single-Mode 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 connectors.

Article Content

FC/PC Fiber Connectors: Single Mode and Polarization

Threaded FC/PC connectors are designed for high-vibration environments. The "PC" stands for "physical contact" because these connectors allow the surfaces

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 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 connectors. The FC connector h

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.

© 2026 METRA FIBER MARKET - All rights reserved

FC/APC Fiber Connectors: Single Mode

These FC/APC connectors have an 8° pre-angled ceramic ferrule, which when properly polished, results in a typical return loss of 60 dB. Each connector

How Many Fiber Connector Types Do You Know?

Single mode fiber allows only one light mode to pass through at a time, while multimode fiber can propagate multiple modes at a time. Diversity has an impact on single mode fiber

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

The Ideal Connector for Single-Mode Fibers

The FC Connector screw-design and alignment key make them ideal for single-mode fibers. FC Connectors pioneered low loss (below 0.5dB) for single-mode fibers without active

Fiber Connector Types

FC connector is generally used in datacom, telecom, measurement equipment, single-mode lasers, etc since it was introduced. However, it has been

Fibre Channel

SFP modules support a variety of distances via multi-mode and single-mode optical fiber as shown in the table below. SFP modules use duplex fiber cabling with LC connectors.

Fiber Connector Types: A Complete Guide (2024)

Single mode fiber connector permits one light mode to propagate simultaneously, offering the longest transmission distance. The multimode

monaco Gigabit 1 Fiber 4 Copper Industrial Ethernet Switch JXRD14G

Jiaxun JXRD14G-SFP 1000M 1 Fiber 4 Electrical Industrial Ethernet Switch (4 Gigabit Electrical Ports + 1 Gigabit FX Fiber Port Industrial Ethernet Switch) A 4-port Gigabit electrical port plus 1-port Gigabit

Fiber Converter SingleMode Single Fiber FC/UPC TX+RX 1 Channel

Communication interface:MX-SH1.0mm-5P: CRSF interface/CVBS video port Fiber optic interface:FC: Communication distance: Maximum 20km Definition of Product Connection Interface: GND: Grounding wire VCC: Power Supply AV1: Video1 AV2: Video2 TX: TTL output RX: TTL input Specification:TX+RX

© 2026 METRA FIBER MARKET - All rights reserved

Fiber Optic Adapter Guide: Types, Tips & Solutions | FiberMania

Discover the essential guide to fiber optic adapters. Learn about adapter types, selection criteria, cleaning, FAQs, and B2B customization.

Optical Fiber & Fiber Patch Cables

Choose from FC/PC, FC/APC, or SMA connectors. For use in the mid-IR spectral range, we offer single mode and multimode fluoride optical fiber manufactured in-house, as well as patch cables and other

Eoguar EGLW-SMF Series Single-Mode Fiber-Coupled Laser Diode

Overview The Eoguar EGLW-SMF Series is a line of single-mode fiber-coupled laser diode modules engineered for precision optical integration in laboratory, industrial, and research environments.

Fiber Optic Patch Cables — SC, LC, FC, ST, Single Mode

Fiber patch cables, also known as fiber optic patch cords or fiber jumpers, are fiber optic cables terminated with connectors on both ends for reliable optical connectivity. They are manufactured

0-35km Single-Mode Carbon Fiber FPV Fiber Optic Module Anti ...

This FPV fiber optic module is an optical fiber image/data relay extender for RC drones and airplanes. It uses single-mode fiber to provide stable, anti-interference wired transmission over long distances (0

Fiber optical module and common knowledge of optical interfaces

Optical modules also come in different types, including single-mode and multimode modules. Common Knowledge of Optical Interfaces An optical interface is a standardized connector used to connect

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

© 2026 METRA FIBER MARKET - All rights reserved

Contact Us

Continue your research online:

Website: https://metramarket.es
Technical inquiry: https://metramarket.es/contact.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.



© 2026 METRA FIBER MARKET - All rights reserved