

Fiber Optic Connector Types and Prices



AI Overview

Fiber optic connector prices vary by type, polish, and vendor, typically ranging from \$1 to \$20 per unit for standard connectors, with specialized or ruggedized connectors costing more.

Common Connector Types and Price Ranges

- SC (Subscriber Connector):** Widely used in FTTH and data centers, SC connectors are square-shaped with push-pull coupling. Standard SC/UPC connectors typically cost \$1–\$5 per unit, while SC/APC connectors for low return loss applications may range \$3–\$10 depending on quality and vendor.
- LC (Lucent Connector):** Miniaturized connectors ideal for high-density applications. LC/UPC connectors generally cost \$1–\$6, and LC/APC connectors can range \$3–\$12 per unit.
- ST (Straight Tip):** Older bayonet-style connectors used in legacy or industrial systems. Prices are usually \$2–\$8 per connector.
- FC (Ferrule Connector):** Threaded connectors for high-vibration environments. Standard FC/UPC connectors cost \$3–\$10, while FC/APC variants may reach \$8–\$15 per unit.
- MPO/MTP:** Multi-fiber connectors for high-density backbone or data center applications. Prices vary widely, typically \$10–\$20 per connector, depending on fiber count and quality.
- Ruggedized or MIL-SPEC Connectors:** Designed for harsh environments, including military or industrial applications. These can cost \$15–\$50 or more per unit due to specialized materials and performance requirements.

Factors Affecting Pricing

- Polish Type:** UPC (Ultra Physical Contact) connectors are generally less expensive than APC (Angled Physical Contact) connectors due to lower manufacturing complexity.
- Fiber Mode:** Singlemode connectors often cost slightly more than multimode connectors because of tighter tolerances.
- Quantity:** Bulk purchases reduce per-unit cost, especially for standard SC or LC connectors.
- Vendor and Brand:** Prices vary between distributors like DigiKey, Mouser, Amazon, and specialized suppliers like Fiber Savvy.

Summary

For standard network deployments, SC and LC connectors are the most cost-effective, typically under \$10 per unit. Specialized connectors such as APC, MP...

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Types of Fiber Optic Cable Connectors and Their Uses

Choosing the correct connector type ensures ideal performance of the fiber optics cables and devices. Learn more about the types of fiber optic connectors!

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Fiber Optic Connectors Selection Guide: Types, Features

A fiber connector is a precise coupling device to join fiber cables quickly. This guide introduces LC, SC, FC, ST, MPO, CS and many others.

Product Type

Connectors Explore reliable copper and fiber connectors and more. High-performance options simplify installation for superior connectivity

Cisco 10GBASE SFP+ Modules Data Sheet

Cisco SFP+ Active Optical Cables (Figure 5) are direct-attach fiber assemblies with SFP+ connectors. They are suitable for very short distances and

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Fiber Optic Connectors Guide: 8 Types, PC/UPC/APC

Discover the 8 essential fiber optic connector types (LC, SC, FC, etc.), their key advantages, and differences. Learn how PC, UPC, and APC

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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

Cables, Coaxial Cable, Cable Connectors, Adapters, Attenuators ...

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Fiber Optic Connectors – Mouser

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

Fiber Connectors

Our selection includes PC, UPC, and APC Fiber Optic Connector polish types. Most Fiber Cable Connectors are spring loaded so that the fiber faces are pressed together when the connectors are

Complete Guide to fiber optic connector types and Their

This guide explains the most common types of fiber optic connector, their features, advantages, and how to select the right fiber optic cable

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Fiber Connector Types: A Complete Guide (2024)

Although the total cabling pricing is much higher than standard LC, SC, or FC connectors, the MPO fiber optic connector provides significantly fast

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Fibre Broadband Deals

Types of fibre broadband There are two types of fibre broadband connection in the UK - part fibre and full fibre. Part fibre Part fibre, also known as

Fiber Connector Types: A Comprehensive Guide 2025

Discover the common fiber connector types. Learn the differences, uses, and best practices for SC, LC, ST, FC, MPO/MTP connectors.

Fiber Optic Connector Types Fully Explained

Explore detailed fiber optic connector types. Learn their features, appearances, capabilities, with images to help you understand each one.

Fiber Optic Connector Types

This article includes the latest fiber optic connector types chart, covering important parameters and characteristics related to them.

GFiber Internet Speed Test

Fiber internet is the fastest type of internet connection. It uses cables made of bundled fiber-optic strands to transmit large amounts of data with light signals.

Contact Us

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