

How much does a set of fiber optic connectors cost



Overview

Shop DigiKey's large in-stock selection of Fiber Optic Connector Assemblies. View inventory, pricing and order now for same day shipping!

Key Takeaways

Fiber optic connectors typically range from \$1 to \$15 per unit, depending on type, quality, and quantity purchased.

Typical Price Ranges

Standard connectors (SC, LC, ST, APC): Prices generally start around \$1-\$3 per connector for basic single-mode or multimode types when purchased individually or in small packs. Higher-quality or pre-terminated connectors: Factory-terminated assemblies or connectors designed for precision applications can cost \$5-\$15 per unit, depending on fiber type and strand count. Bulk purchases: Buying in packs (e.g., 12 or 24 connectors) often reduces the per-unit cost, sometimes to \$0.

50-\$2 per connector for standard types.

Factors Affecting Price

Connector Type: SC, LC, ST, and APC connectors vary in complexity and performance, with APC (angled physical contact) connectors typically costing more due to lower insertion loss and better return loss. Fiber Type: Single-mode connectors are usually slightly more expensive than multimode connectors because of tighter tolerances required for long-distance transmission. Quantity: Bulk orders reduce per-unit cost, while single-piece purchases at retail are more expensive.

Pre-terminated vs Field-installable: Pre-terminated connectors or assemblies are more expensive than field-installable connectors, but they save labor and ensure consistent performance. Vendor and Shipping: Prices vary by supplier (Amazon, DigiKey, Mouser) and may include tariffs or shipping costs if imported. Example Pricing from Retailers Amazon: Packs of 12 SC/APC connectors or couplers range from \$10-\$25, depending on type and mode.

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Key and Mouser: Individual connectors or assemblies are listed with prices from \$1 to \$15 per unit, with datasheets and quantity discounts available. In summary, for most standard networking projects, expect to pay \$1-\$3 per connector for basic types, and \$5-\$15 per connector for higher-quality or pre-terminated assemblies, with bulk purchases offering cost savings.

Article Content

Connectors, Interconnects | Fiber Optic Connectors | Fiber Optic ...

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Shop LC, ST, & SC Fiber Optic Cable Connectors Online

Explore our selection of fiber optic connectors for sale at Cables Plus USA. We carry fiber optic LC connectors, SC fiber optic connectors, and fiber optic ST connectors in multimode and single-mode

Wholesale Fiber Optic Connectors & Couplers | CableWholesale

CableWholesale offers a wide range of wholesale fiber optic connectors and couplers so you can establish a dependable, high-performing network infrastructure.

Fiber Optic Termination Tool Kits

FS Fiber Termination Kits (Fiber Splice Tray, Protection Sleeves, Fiber Connectors, Ferrules, Sleeves, etc) achieve faster fiber termination and higher performance.

Fiber Optics | Connectivity and Tools | Shop trueCABLE

Shop performance-tested fiber optic cables, patch cables, pigtails, and tools. Certified to industry standards with Forever Warranty. Free shipping on orders over \$449.99.

Fiber Optic Connectors

Primus Cable provides a wide selection of fiber optic tools including fusion splicers, termination tools, fiber hand tools, and fiber tool kits. We have everything you need to successfully test, strip, cleave,

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Our fiber optic cable connectors are available from top manufacturers like TE Connectivity, Molex, Panduit, and more. Purchase new fiber optic connectors now at octopart !

[Fiber Testing Standards 2025 Guide for IEC and TIA](#)

IEC, TIA, and FOA Standards You need to understand the main fiber testing standards before you start any project. The International Electrotechnical

[How Does Fiber Internet Work | Verizon Business](#)

Learn how fiber internet works with Verizon Business. Enjoy faster and more reliable connectivity for your business operations.

[Everything you need to know about fiber optic termination](#)

What are Fiber Optic Connectors? We'll start our section on termination by considering connectors. Since fiber optic technology was introduced in the late

[Fiber Optic Cabling Loss Limits Explained - Trend Networks](#)

Using an optical power meter and light source or OLTS (Optical Loss Test Set), Tier 1 Certification can be performed against industry standard limits for cable and connectors. Both the TIA

[Question about fiber optic cables and the number of cores](#)

While looking for suitable single mode fiber optic cables for my project, I came across fiber optic cables with 4-cores/8-cores/12-cores. example example2 They seem to have multiple fiber optic cables

[Fiber Optic Cable Types: How to Select the Best Option for Your](#)

Discover how to select the ideal fiber optic cable type for your network to optimize performance, ensure compatibility, and support future growth.

[How Much Does Fiber Optic Cable Installation Cost? \[2026 Data\]](#)

Discover the average fiber optic cable installation cost, including key factors that impact pricing, and learn how to budget for your home project.

[How Fast Is Fiber Optic Cable | Verizon Business](#)

Discover the speed of fiber optic internet with Verizon Business. Experience blazing-fast internet speeds for your business operations. Learn more today!

Multi-fiber Push On (MPO) Connectors

Multi-fiber push on connectors, or MPOs, are fiber cable connectors comprised of multiple optical fibers. Learn more at Fluke Networks.

12 Best Fiber Optic Cables Reviewed and Rated in 2026

Likewise, optical fiber cables are much more reliable and safer in contrast to other wires. To help you find the best fiber optic cables available in the market, I've reviewed twelve exceptional

Fiber Optic Cables Selection Guide: Types, Features, Applications ...

Fiber optic cables are composed of one or more transparent fibers enclosed in protective coverings and strength members. Fiber optic cables allow signals, such as light, to travel through without

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

