Price of New Fiber Optic Connector



Overview

Newest Fiber Optic Connectors – MouserMouser offers inventory, pricing, & datasheets for Fiber Optic Connectors. New Fiber Optic Connectors Learn more abou.

Key Takeaways

Fiber optic connector prices typically range from €1 to €15 per unit, depending on type, mode, and manufacturer.

Price Overview

The cost of new fiber optic connectors varies widely based on connector type, mode, and quality: SC, LC, ST, FC connectors: Common singlemode or multimode connectors generally cost €1–€5 per unit when purchased individually from distributors like Mouser, DigiKey, or Farnell Germany.

High-precision AP

C connectors: Angled Physical Contact (APC) connectors, used for low return loss applications, typically range from €3–€10 per unit. MPO/MTP connectors: Multi-fiber connectors for high-density applications can cost €8–€15 per unit, depending on fiber count and manufacturer. Bulk packs or pre-terminated assemblies: Buying in packs (e.g., 12 or 24 connectors) can reduce the per-unit cost, sometimes to €0.

80–€2 per connector.



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Factors Affecting Price

Mode: Singlemode connectors are generally slightly more expensive than multimode due to tighter tolerances. Polish type: APC connectors cost more than UPC (Ultra Physical Contact) due to angled ferrule polishing. Brand and quality: Premium brands like TE Connectivity, Amphenol, or Molex may charge higher prices for certified performance and durability.

Quantity: Larger orders or pre-terminated assemblies reduce the per-unit cost. Application: Industrial or data center-grade connectors with high durability and low insertion loss are priced higher than standard lab or consumer-grade connectors.

Where to Buy

Distributors: Mouser, DigiKey, Farnell Germany offer a wide selection with datasheets, inventory, and same-day shipping. Online marketplaces: Amazon provides smaller packs suitable for DIY or small-scale projects. Manufacturers: PHXFiber and similar companies offer direct purchase options for bulk or specialized connectors.

In summary, expect to pay €1–€15 per new fiber optic connector, with the exact price depending on type, mode, polish, and quantity. For bulk or high-density applications, MPO/MTP connectors and APC types are at the higher end of the range.

Article Content

Shop Fiber Optic Cable Connectors

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 !

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

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

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 Optic Connectors | LC, SC, and ST | ShowMeCables

LC, SC, SC-APC, & ST Connectors for Fiber Optic cables. Corning and Unicam brands. Single mode and multimode (OM1, OM2, and OM3) options. Available individually or in packs. Simplex and duplex

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Amazon : Fiber Optic Connectors

Online shopping for Connectors - Fiber Optic Products from a great selection at Industrial & Scientific Store.

Fiber Optic Connectors & Ceramic Ferrules | SC, LC,

Upgrade your network performance with our professional-grade Fiber Optic Connectors. Featuring high-precision Zirconia Ceramic ferrules for minimal

Fiber Optic Connectors | Graybar Store

Shop Our Inventory Of Fiber Optic Connectors Online. Graybar Is Your Trusted Distributor For Fiber Optic Connectivity.

Custom Cable Assembly Manufacturing | Fibertronics, Inc.

Fiber Optic Cable Assemblies Custom Cable Assemblies Fiber Optic Patch Cables Fiber Optic Pigtails Fiber Optic Loopbacks Splitters / Couplers Mode

Single Mode FC/PC Fiber Optic Patch Cables

Thorlabs also offers AR-Coated Single Mode Patch Cables, which have an antireflective coating on one fiber end for higher performance in fiber-to-free

Fiber testers : Equipment and tools | Fluke Networks

While fiber optics inspection and cleaning fiber connectors is not new, it is growing in importance as links with increasingly higher data rates are driving ever-decreasing loss budgets.

FiberOptics

Fiber Optic products. We carry Fiber Optic fusion splicers, cleavers, OTDRs, cables, panels, laser sources, power meters, and many other Fiber Optic products for any project.

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Optical Fiber Products

Optical fiber broadband brings together a culture of innovation, quality, and manufacturing excellence to create life-changing products.

Structured Cabling Solutions

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ICC is a structured cabling solutions manufacturer of copper & fiber optic connectivity products for commercial & residential applications.

Broadband Halogen Fiber Optic Illuminators

The fiber illuminator''s output port also has internal, 3.5 mm deep SM1 threads. The unit is shipped with a fiber bundle adapter installed in these threads. By

Armored Cable Guide: Types, Applications & Safety

Similarly, armored fiber optic cable and armored fiber cable protect delicate optical fibers from crushing forces during installation or accidental

NAI: Global Leader in Custom Interconnect Solutions

NAI is a global leader in the manufacturing of advanced high-reliability connectivity solutions for mission critical and other high-performance applications. Our world class integrated supply chain and

The FOA Reference For Fiber Optics

Outside Plant Fiber Optic Cable Jump To: Fiber Optic Cable Construction Fiber Optic Cable Types Cable Design Criteria Choosing Cables Cable Types: (L>R):

Related Video Reference

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

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

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