

Price of MC type fiber optic connectors



AI Overview

MC type fiber optic connectors typically range from \$5 to \$50 per unit, depending on type, fiber count, and specifications. MC series fiber optic connectors are designed for high-density, high-performance applications and are available in single-core or multicore configurations, compatible with LC, SC, or FC systems. Prices vary based on factors such as:

- Connector type:** Single-core MC connectors are generally less expensive than multicore (MCF) versions.
- Fiber type:** OM3/OM4 multimode connectors may cost more than standard single-mode connectors.
- Ruggedization:** Military or aerospace-grade MC connectors, such as TE Connectivity's MC series, are priced higher due to enhanced durability and environmental resistance.
- Quantity:** Bulk orders often reduce per-unit cost, while single units are at the higher end of the price range.

For example, standard MC duplex LC connectors for data center use typically cost \$5–\$15 each, whereas ruggedized or multicore MC connectors for industrial or defense applications can range from \$30–\$50 or more per connector.

Where to Buy

- Mouser Electronics:** Offers MC series connectors with datasheets and inventory listings, suitable for commercial and industrial applications.
- HYC System:** Specializes in multicore fiber (MCF) connectors, optimized for low insertion loss and repeated coupling.
- TE Connectivity / DEUTSCH:** Provides ruggedized MC connectors for defense, aerospace, and harsh environments.

For exact pricing, it is recommended to check supplier websites or request a quote, as prices fluctuate based on specifications, quantity, and market conditions.



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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

How Many Fiber Connector Types Do You Know?

Fiber optic connector that comes in various configurations and types is considered as an important component for the fiber optic cable. Generally

Multicore Fiber MCF Connectors (LC/SC/MC)

MCF-to-MCF Connections In response to the challenges of on-site splicing of multi-core fiber connections and the need for specialized splicing methods, HYC has developed three types of

Amazon : Fiber Optic Connectors

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

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 Connectors

Fiber Optic Connectors are used to connect two runs of fiber optic cable and consist of an adapter assembly along with two plugs. The most popular versions include, push-on Square Connectors

DEUTSCH Fiber Optic Physical Contact (PC)

Lowest Insertion Loss in rugged compact connector Based on proven military standard 38999 SIII electrical connectors, DEUTSCH Fiber Optic Physical

Fiber Connector Types: A Comprehensive Guide 2025

As global demand for high-speed internet, cloud computing, and data center capacity continues to grow in 2025, understanding the key components of

Optical fiber connector

Optical fiber connectors are categorized into single-mode and multimode types based on their distinct characteristics. Industry standards ensure compatibility

Mac Connectors

Product Description A black cable with gray stripes delivering high-quality digital audio via Toslink fiber-optic connectors.

Fiber Adapters & Connectors

Explore our range of single mode fiber connectors and fiber connections at CommScope. Our high-quality MPO connectors ensure reliable and efficient data transmission.

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

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MC Series Newest Fiber Optic Connectors - Mouser

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

Fiber Optic Connectors | Connectors, Interconnects

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

Fiber Optic Connectors Guide: LC vs SC vs FC vs ST vs MTP/MPO - Types ...

This comprehensive guide dives deep into the most common fiber connector types—LC, SC, FC, ST, and MTP/MPO—unpacking their structures, applications, advantages, and drawbacks to

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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

Fiber Optic Connectors – Mouser

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

Wiley Online Library

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MC Series Newest Fiber Optic Connectors – Mouser

MC Series Fiber Optic Connectors are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for MC Series Fiber Optic Connectors.

Contact Us

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