

Outsourced fiber optic connector pricing



Overview

ShowMeCables offers a wide variety of fiber connector options. They are available for both single mode and multimode cable.

Key Takeaways

Fiber optic connector prices typically range from \$0.50 to \$10 per unit depending on type, quantity, and supplier. Pricing Overview

Wholesale and bulk pricing for fiber optic connectors varies widely based on connector type (LC, SC, ST, MPO), fiber mode (single-mode or multimode), and strand count. For example, suppliers like CableWholesale and GlobalSources offer factory-direct prices for bulk orders, often starting around \$0.50-\$2 per connector for standard single-mode or multimode connectors, with higher-end or specialty connectors reaching \$5-\$10 per unit. Pre-terminated assemblies and patch cables generally cost more due to factory termination and testing. Retail and distributor pricing from companies like Mouser and DigiKey may be slightly higher, reflecting inventory and shipping costs. Mouser provides unit pricing that can be filtered by quantity, with tariffs potentially applied for international shipments. DigiKey offers same-day shipping and a wide selection, with prices typically in the \$1-\$8 range per connector depending on specifications.

Factors Affecting Cost

- Connector Type: LC and SC connectors are generally less expensive than MPO or MTP connectors used for high-density applications.



- **Fiber Mode:** Single-mode connectors are usually cheaper per unit than multimode connectors, but multimode may require more expensive equipment for installation.
 - **Quantity:** Bulk orders significantly reduce per-unit cost, especially when sourced directly from manufacturers.
 - **Pre-Termination:** Factory-terminated connectors and patch cables cost more than field-installable connectors due to labor and quality assurance.
 - **Shipping and Tariffs:** International orders may incur tariffs (8–38% depending on origin) and shipping fees, which can affect overall cost .
- Practical Considerations

For outsourced procurement, it is often cost-effective to source directly from manufacturers or wholesale distributors for large volumes, while smaller projects may benefit from distributors like Mouser or DigiKey for faster delivery and inventory availability. Always consider connector compatibility, fiber type, and installation requirements when comparing prices to ensure long-term network reliability. By understanding these factors, businesses can budget accurately for fiber optic connector purchases and optimize costs for both small-scale and large-scale network deployments .

Article Content

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Fiber Optic Connectors | LC, SC, and ST | ShowMeCables

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

