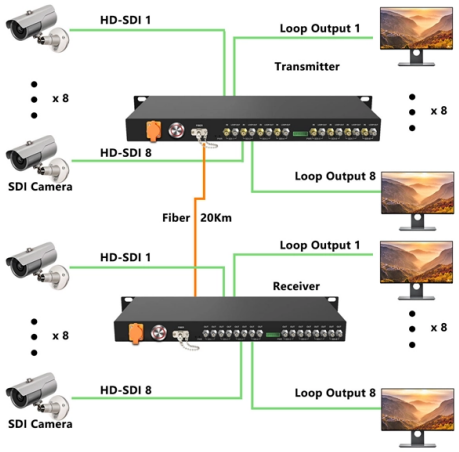
Price of fiber optic patch cord connectors



Overview

From fiber optic pigtails to patch cables – visit our online shop and buy fiber pigtails, patch cables and pre-terminated fiber optic cables with all common fiber optic couplers, directly from stock.

Key Takeaways

Fiber optic patch cord connector prices vary widely, typically ranging from $2–$50 per unit depending on fiber type, connector type, length, and customization. Typical Pricing by Connector and Fiber TypeLC-LC Single-Mode (OS2) Patch Cord: Commonly used in data centers and long-distance applications, prices for a 1–3 meter cable range from $5 to $15 per unit, with longer lengths or custom jackets increasing the cost. SC-SC Single-Mode or Multimode: Slightly less expensive than LC connectors, typically $4–$12 for standard lengths, depending on fiber type (OM3/OM4 for multimode, OS2 for single-mode),.

S

T Connectors: Often used in legacy networks, prices are similar to SC connectors, around $4–$10 per patch cord. MPO/MTP Connectors: Multi-fiber connectors for high-density applications, especially 12F or 24F cores, are more expensive due to precise alignment requirements, ranging from $20–$50 per unit for standard lengths.

Specialized Patch Cords

Armored Patch Cords: Designed for harsh environments, these can cost $10–$30 for short lengths due to added protection.

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Bend-

Insensitive Cables: Reduce signal loss in tight bends, typically $8–$25 depending on length and fiber type. Uniboot Patch Cords: Single boot for both connectors, useful in high-density racks, generally $6–$20 per unit.

Mode-

Conditioning Patch Cords: Used in Gigabit Ethernet to correct modal dispersion, prices range $10–$25.

Factors Affecting Price

Fiber Type: Single-mode (OS2) is generally more expensive than multimode (OM3/OM4), while OM5 for SWDM applications can be higher due to specialized performance. Connector Quality: Ceramic ferrules and precision polishing increase cost; APC connectors are slightly more expensive than UPC due to angled polishing. Cable Jacket and Armoring: LSZH jackets for public buildings or armored cables for industrial use add to the price.

Length: Prices increase linearly with cable length, with bulk orders often reducing per-unit cost. Customization: OEM/ODM orders with custom logos or labels may incur setup costs of $30–$100, though bulk orders reduce this impact.

Buying Tips

For data centers, LC-LC or MPO/MTP connectors are standard.

For FTT

H or enterprise networks, SC or LC connectors are common. Bulk purchasing can significantly reduce unit costs, especially for standardized lengths and connector types. Always check for certified low-loss and tested cables to ensure network reliability.

In summary, fiber optic patch cord connector prices are highly variable, influenced by fiber type, connector type, length, jacket material, and customization, with typical ranges from $2 to $50 per unit depending on specifications and application needs.

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Article Content

Fiber patch cables: buy online at EFB-Elektronik

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Explore fiber patch panels for network infrastructure. Find LC, SC, and ST connector options for your telecommunications or data center needs.

How Much Do Fiber Patch Cords Cost? OEM & Bulk Pricing Breakdown

Understand fiber patch cord pricing from a B2B perspective. Learn how OEM production, volume, customization, and connector types influence cost for single mode, multimode, and MPO

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Stocking distributor of fiber optic installation tools, bulk fiber cables, fiber patch cables, test equipment, cable management, fiber optic training and more.

Single Mode FC/PC Fiber Optic Patch Cables

Thorlabs offers single mode patch cables with FC/PC connectors on both ends. Each cable is manufactured in our facility on state-of-the-art equipment.

MPO/MTP-24 Female to Female OM3 Fiber Patch Cable | Type C

Premium MPO/MTP-24 UPC (Female) to MPO/MTP-24 UPC (Female) multi-mode OM3 fiber optic patch cord. 24-fiber high-density, Type C pair-flipped polarity, 0.35dB Max IL. Optimized for high-density

MPO-24 to MPO-24 OM3 Multimode Fiber Patch Cord | Female

Premium MPO/MTP-24 UPC (Female) to MPO/MTP-24 UPC (Female) multi-mode OM3 fiber optic patch cord. 24-fiber high-density, Type B cross polarity, 0.35dB Max IL. Optimized for 100G/400G switch

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Fiber Optic Patch Cables — SC, LC, FC, ST, Single

Fiber patch cables, also known as fiber optic patch cords or fiber jumpers, are fiber optic cables terminated with connectors on both ends for reliable optical

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MPO/MTP-8 UPC (Female) to MPO/MTP-8 UPC (Female) Fiber Optic Patch Cord ...

MPO/MTP-8 to MPO/MTP-8 OM4 Multimode Fiber Patch Cord | Female-Female Type B | COMNEN The COMNEN MPO/MTP-8 to MPO/MTP-8 Multi-mode OM4 Fiber Patch Cord is a premium high-density

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Fiber Optic Patch Cords | SC, LC, and ST | SM/MM – Primus Cable

We supply patch cords in single mode and multi-mode options. The most common fiber connector types are LC, SC and ST - Primus Cable.

Fiber Optic Patch Cord

Fiber patch cords are one of the most widely used basic components in optical communications. UnitekFiber supplies FCSTSCLCMTRJ and PCAPCUPC patch cord in cheap price.

Fiber Optic Cables | AutomationDirect

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Optical Fiber & Fiber Patch Cables

Thorlabs manufactures and stocks a range of optical fibers and patch cables based on single mode (SM), polarization maintaining (PM), multimode (MM), or

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