Fiber optic patch cord connector prices



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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FiberOptic Patch Cables

Fiber optic patch cables offer two modes of transmission: simplex and duplex. Most common connectors are: SC, LC, FC, E2000, ST, MU, MPO (MTP), MTRJ. Every connector has one of given types of

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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Fiber Optic Patch Cord – B2B Companies & Suppliers | Europages

Fiber Optic Patch Cord Supplier Types and Capabilities Custom Manufacturing Suppliers act as the backbone of tailored connectivity solutions, crafting fiber optic patch cords like a master tailor

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