

Price of an 8-core fiber optic connector



Overview

The 8-core FTTH fiber distribution box features 8 branch fiber cable ports; one input/output cable and 8 input/output cables.

Key Takeaways

The price of an 8-core fiber optic connector or cable typically ranges from \$5 to \$25 depending on type, length, and protective features. Price Overview

The cost of an 8-core fiber optic cable or connector varies based on cable type, connector type, armor, and length. For example:

- Standard 8-core fiber cables with LC or SC connectors and no armor generally cost \$5-\$10 for 100 meters .
- TPU armored 8-core cables with OM3 multimode fiber and LC/SC/FC/ST connectors range from \$10-\$20 for lengths of 100m, 120m, or 150m .
- Industrial-grade 8-core cables with steel armor and FC/ST connectors can cost \$15-\$25 for 150 meters . For single-mode fiber, prices per foot are typically lower, around \$0.10-\$0.50 per foot, while multimode fiber ranges from \$0.30-\$1.00 per foot, with higher strand counts increasing costs proportionally .

Factors Affecting Price

- Connector Type: LC and SC are common for general use, while FC and ST are used in specialized or industrial applications .
- Armor and Protection: TPU or steel armor increases durability and cost, especially for outdoor or industrial environments .

- **Fiber Type:** OM3 multimode fiber is standard for high-speed LAN and data center applications, while single-mode fiber is used for long-distance transmission .

- **Length:** Longer cables naturally cost more; typical lengths are 100m, 120m, or 150m .

- **Application:** Industrial or 5G base station deployments may require LSZH (Low Smoke Zero Halogen) materials, which can increase price .

Buying Tips

- Compare specifications and features across suppliers to ensure compatibility with your network.

- For home or small business use, TPU armored OM3 cables with LC/SC connectors offer a good balance of durability and cost.

- For data centers or industrial applications, consider steel-armored or LSZH cables to meet safety and performance requirements.

- Bulk purchases from manufacturers or distributors can reduce per-unit costs by 20–40% . Overall, an 8-core fiber optic connector or cable can be obtained for \$5–\$25, with the exact price depending on the combination of fiber type, connector type, armor, and length.

Article Content

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8-Strand Fiber

8-Strand with Furcation Tubing Singlemode 9/125 Fiber Distribution Cable; Choose Connectors, Jacket Type, and Optional Pulling

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The 8-core FTTH fiber distribution box features 8 branch fiber cable ports; one input/output cable and 8 input/output cables.

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8 Port Optical Fiber Terminal Box, SC Optical Fiber ...

1. Product name: 8-core FTTH optical fiber distribution box. 2. Material: ABS plastic. 3. Size; 250* 125 * 35mm. 4. Optical fiber

8 core Multimode | Singlemode Outdoor Fibre Cable per Metre

This 8 core multi mode cable contains eight optical fiber cores, which can be used for simultaneous data transmission over eight

8 Core Fiber Optic Cable Price Per Meter

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