

Price of a pair of fiber optic patch cords



AI Overview

A single fiber optic patch cord typically costs between \$5 and \$30, depending on type, length, and connectors, so a pair would generally range from \$10 to \$60.

Pricing Overview

The cost of fiber optic patch cords varies based on several factors:

- **Fiber Type:** Singlemode (OS1/OS2) and multimode (OM3, OM4, OM5) fibers differ in price, with multimode OM3/OM4 commonly used in high-speed structured cabling and OM5 for short-distance SWDM applications, which can slightly increase cost .
- **Connector Type:** LC, SC, ST, MTP/MPO, and E-2000 connectors influence price. High-precision connectors like MPO/MTP for 12F/24F cores require careful alignment and polishing, raising costs .
- **Length:** Prices increase linearly with cable length. Standard lengths like 1-3 meters are most common and affordable, while longer cords cost more .
- **Jacket and Armoring:** LSZH (Low Smoke Zero Halogen) jackets for indoor use or armored cables for harsh environments add to the price .
- **Quality and Testing:** Fully tested cords with low insertion loss and return loss are more expensive but ensure reliable performance .

Example Costs

- A 3-meter LC-LC OS2 patch cord can cost roughly \$10-\$30 per unit, depending on quality and vendor .
- Bulk orders or OEM/ODM purchases can reduce unit cost, though setup fees for cu...

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Contact Us

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