

How much does fiber optic patch cord usually cost



Article Overview

A typical fiber optic patch cord costs between \$5 and \$50, depending on length, fiber type, and connector specifications.

Typical Price Ranges

The cost of a fiber optic patch cord varies widely based on several factors. For standard LC-LC or SC-SC patch cords in lengths of 1-10 meters, prices generally range from \$5 to \$20 per cord for multimode fibers and \$10 to \$50 per cord for single-mode fibers with higher-quality connectors or specialized jackets . Bulk purchases or OEM orders can reduce the unit cost, especially for longer runs or large quantities .

Factors Affecting Cost

- Fiber Type:
 - Single-mode (OS1/OS2) is typically more expensive than multimode (OM1/OM2/OM3/OM4) due to higher precision requirements .
 - OM3 and OM4 are common for high-speed data centers, while OM5 is used for short-distance SWDM applications .
- Connector Type:
 - LC, SC, MPO/MTP, and ST connectors vary in cost. LC connectors are popular in enterprise networks due to high port density, while MPO/MTP connectors are used for multi-fiber applications and are more expensive

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