

# What s a reasonable price for a 12-core optical fiber cable



## Article Overview

A 12-core optical fiber cable typically costs between \$0.50 and \$1.00 per foot, depending on fiber type, construction, and application.

### Pricing Overview

The cost of a 12-core fiber optic cable varies based on several factors:

- **Fiber Type:** Single-mode fibers (G.652D/OS2) are generally less expensive than multimode fibers for short distances, with prices around \$0.50 per foot for a 12-strand single-mode cable, while multimode options may approach \$1.00 per foot .
- **Cable Construction:** Indoor riser-rated cables are cheaper, whereas plenum-rated or armored cables designed for harsh environments or direct burial can cost \$0.50 to \$5 per foot .
- **Pre-Termination:** Factory-terminated or pre-connectorized cables increase the price due to labor and quality assurance.

### Typical Applications

- **FTTH (Fiber to the Home):** 12-core cables are commonly used for residential or small business deployments, often with tight-buffered single-mode fibers for indoor and outdoor use .
- **Enterprise Networks:** Used in backbone or campus networks, where durability, low-loss performance, and compliance with standards like G.652D or G657A2 are impor...

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Fiber-optic cable

A fiber-optic cable, also known as an optical-fiber cable, is an assembly similar to an electrical cable but containing one or more

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For more information, pricing, or custom solutions, please contact us:

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