

Price of Double-Strand Cable for Optical Fiber



Overview

Buyers typically pay a range for fiber optic cable per foot depending on fiber type, jacket, and shielding, plus installation considerations.

Key Takeaways

The cost of a 2-strand (duplex) optical fiber cable ranges from approximately \$0.40 to \$6 per foot, depending on fiber type, jacket, and installation method.

Retail and Bulk Pricing

For raw duplex singlemode fiber (2 strands, 9/125 μm), retail prices on platforms like Amazon typically start around \$0.40–\$1.50 per foot for standard riser-rated zip cord cables, with bulk purchases offering lower per-foot costs.

Stonewall Cable and similar suppliers allow customization of jacket type (riser, plenum, LSZH), connectors, and optional features, which can increase the price slightly. Pre-terminated or patch cables with connectors are more expensive due to factory termination.

Material Cost Factors

Fiber Type: Singlemode fiber is generally cheaper per foot than multimode fiber, but multimode OM4 or OM5 can cost ~25% more than OM4. **Strand Count:** A 2-strand cable is at the low end of strand count pricing; higher strand counts increase cost proportionally. **Jacket and Construction:** Indoor riser-rated cables are less expensive than plenum-rated or armored cables.

Armored or direct-burial cables can range from \$0.50 to \$5 per foot depending on environmental protection. Length Discounts: Buying longer reels (e.g., 10,000 ft) can reduce per-foot cost by ~20% compared to 1,000 ft spools.

Installation Considerations

If including installation, costs rise significantly. For example, a 1,000 ft indoor singlemode run with minimal termination may total \$2,650–\$3,100, while outdoor armored runs with splicing and conduit can reach \$11,000–\$14,500 for 5,000 ft. Labor, permits, and accessories are major contributors to installed cost.

Summary

Raw 2-strand duplex fiber cable: \$0.40–\$1.50 per foot (singlemode, riser-rated) Armored or plenum cables: \$0.

50–\$5 per foot Pre-terminated or patch cables: higher, depending on connectors and factory termination Bulk purchases: can reduce per-foot cost by 20–40% For accurate budgeting, consider fiber type, jacket, strand count, and whether installation is included. Shopping around with multiple suppliers is recommended to get the best pricing for your specific application.

Article Content

Fiber Optic Cable Price Per Foot Guide 2026

Buyers typically pay a range for fiber optic cable per foot depending on fiber type, jacket, and shielding, plus installation considerations. This guide outlines typical cost ranges and the main

Cost of Fiber Optic Cable: Pricing Guide (2026)

Discover the cost of fiber optic cable in this pricing guide. Learn material prices, installation factors, and what impacts total project costs overall.

Fiber Optic Cable Cost Guide 2026 - LatestCost - Real-Time Price

Main cost drivers include cable grade (indoor vs outdoor, armoured), distance, and labor for trenching, splicing, and termination. This guide presents ranges in USD and practical price

2-Strand Fiber

2-Strand OM4 Multimode 50/125 10/40/100 Gig Laser Optimized Fiber Distribution Cable with Furcation Tubing; Choose Connectors, Jacket Type, and Optional Pulling Eye.

How Much Does It Cost to Run Fiber Optic Cable per Foot? (2025)

Prices can range from \$1 to \$50+ per linear foot depending on the method and complexity. The initial cost of installing fiber optic cables can vary depending on the chosen

24-Strand, OCC BX, In/Out, OFNP, SM 9/125 OS2 | Cables Plus USA

24-Strand, OCC BX Series, I/O, OFNP, Singlemode 9/125 OS2, Made in the USA, UL Listed, High performance, Purchase at Cables Plus USA.

Wire & Cable Prices

CRU provides comprehensive, accurate and up-to-date price assessments and research reports for bare optical fibre across various key regional markets, combined with insights into the

Fiber Optic Cable Supply | Buy Fiber Optic Products from The Most ...

Shop for fiber optic cables at Cables Plus USA, leader in fiber optic products supply offering high-quality products at the best value through our fiber optic cable wholesale. Buy and save big on bulk orders.

24 Port SC Rack Mount Fiber Optic Enclosure, 19" Fiber

About this item 1 PLETE 24 PORT FIBER PATCH PANEL KIT: Includes a 24-port SC-UPC LGX adapter panel, 24-strand 1M single mode pigtail, dual splice trays, fiber cable management spool,

Buy Fiber Optic Cable Reels

Online shopping for Reels of Fiber Optic Cables. We carry a vast selection of items from the best brands. Superior Essex, Dura-line, Commscope, Prysmian, Corning and many more. We offer all

FLYPROFiber

Experience unmatched speed and performance with this advanced fiber optic cable. Easy Installation and Connectivity--- The OS2 LC 4-core outdoor armored fiber optic cable ensures hassle-free

Quality Bulk Multimode & Single Mode Fiber Optic Cables

Bulk Fiber Optic Cable - Multimode & Singlemode Shop our diverse range of bulk fiber optic cables, tailored for various networking needs. We provide both single

Ultra Spec Cables 1000 FT (1000FT) Bulk Fiber Optic Cable

Ultra Spec Cables 1000 FT (1000FT) Bulk Fiber Optic Cable Zip Cord (2 Strands) Singlemode 9/125 Duplex (ON Spool) 3.0mm Visit the Ultra Spec Cables Store

How Much Does It Cost to Run Fiber Optic Cable per

Business owners planning network infrastructure upgrades often wonder about the costs associated with fiber optic installation. Fiber optic cables

TRUE CABLE 2 Strand Fiber Indoor Distribution Cable, Yellow

TRUE CABLE 2 Strand Fiber Indoor Distribution Cable, Yellow, 1000 Feet (305m), OS2 Single Mode Plenum Rated (OFNP), 9/125 Micron, G657.A1, Tight Buffer, UL Listed, Bulk Fiber Optic

Single-mode optical fiber

In fiber optics, a quadruply clad fiber is a single-mode optical fiber that has four claddings. Each cladding has a refractive index lower than that of the core.

Fiber Optic Cable by the Foot

We offer fiber optic cable by the foot in a variety of fiber types and strand counts to meet your network installation needs. Whether you're building a new system or

CableWholesale 12-Strand Fiber Optic Cable, Indoor/Outdoor

High Quality Fiber Optic: Composed of 12 strands singlemode fibers (9 micron core), wrapped inside Water-Proof Aramid Yarn and Black PVC outer jacket, the cable is prevented from external damages and last for decades. This fiber optic cable is solidly constructed and meets EU RoHS and REACH Directive

Contact Us

Continue your research online:

Website: <https://metramarket.es>

Technical inquiry: <https://metramarket.es/contact.html>

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

