

RIVO MULTITRADE OPTICAL SYSTEMS

Price of a roll of fiber optic cable



Overview

If purchasing just the cable, it can cost about \$0.20 to \$1 per foot when purchased in bulk, which is usually more than 500 feet.

Key Takeaways

Fiber optic cable rolls typically range from \$0.40 to \$1.00 per foot, with 1000-ft rolls costing between \$400 and \$1,000 depending on type and specifications. Bulk Roll Pricing

- Single-mode 9/125 μm duplex cable: A 1000-ft roll generally costs around \$400–\$600 for standard indoor riser-rated cable, suitable for long-distance data transmission .
- Multimode 50/125 μm or 62.5/125 μm cable: 1000-ft rolls are usually priced slightly lower, around \$300–\$500, ideal for shorter distances and local network connections .
- Premium or armored cables: Outdoor, plenum, or armored cables can cost \$1.00 per foot or more, with a 1000-ft roll reaching \$1,000+, reflecting enhanced durability and environmental protection .

Factors Affecting Price

- Cable Type: Single-mode cables are more expensive than multimode due to higher performance over long distances .
- Jacket Rating: Plenum-rated or riser-rated cables for indoor use may vary in price; outdoor-rated or armored cables are costlier .
- Length: Bulk rolls (1000 ft or more) reduce the per-foot cost compared to shorter pre-terminated cables .

- **Additional Features:** Connector type, splicing, and installation complexity can increase total project costs. Labor, trenching, and permits may add \$1-\$3 per foot for installation .

Wholesale and Online Options

- Cables.com and CableWholesale offer bulk fiber optic rolls with discounts for professional installers, making it cost-effective to purchase 1000-ft rolls .
- Amazon also lists raw 1000-ft single-mode duplex rolls for DIY or custom installations, typically in the \$400-\$600 range .
- Cables Plus USA provides both single-mode and multimode options with TAA compliance and fast shipping, though lead times may be 3-4 weeks for non-stock items .

Summary

For budgeting purposes, expect \$0.40-\$1.00 per foot for standard fiber optic cable rolls, with multimode being cheaper and single-mode or armored outdoor cables at the higher end. Bulk purchases and wholesale suppliers can help reduce costs, while installation and accessories will add to the total project expense .

Article Content

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How Much Does Fiber Optic Cable Installation Cost? The price of fiber cable depends on the number of strands, jacket

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4 4) Final Thoughts: Are Fiber Optic Cables Expensive? Figure no 1 Different fibre optic cable with varying prices 1)

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