

Fiber Optic Cable and Wire Price List



AI Overview

Fiber optic cables typically cost \$0.09 to \$6 per foot depending on type, strand count, and installation, while wire prices vary widely by material and gauge.

Fiber Optic Cable Pricing

Material Costs:

- Single-mode fiber (OS2): \$0.09 to \$1.52 per foot for bulk purchases; retail prices can range \$1 to \$6 per foot.
- Multimode fiber (OM3/OM4): \$1.50 to \$6 per foot due to wider cores and higher manufacturing standards.
- Armored cables: \$1.15 to \$6.50 per meter, providing protection against physical damage.
- Patch cords and pre-terminated assemblies: Higher costs due to factory termination and connector type.

Installation Costs:

- Indoor runs are generally cheaper than outdoor or underground installations.
- Labor, trenching, splicing, and termination can add \$1 to \$3 per foot depending on complexity.

Example project ranges:

- Basic indoor run (1,000 ft single-mode): Total ≈ \$2,650–\$3,100
- Mid-range outdoor run (2,000 ft with conduit): Total ≈ \$4,940–\$6,120
- Premium outdoor run (5,000 ft armored, multiple splices): Total ≈ \$11,000–\$14,500

Factors Affecting Price:

- Fiber strand count (1-core vs 288-core)
- Cable jacket type (LSZH, PVC, armored)
- Connector type and pre-termination
- Regional labor and permit costs

Procurement Tips:

- Small purchases: B2C platforms like Amazon
- Bulk orders: B2B suppliers like Alibaba, negotiating on minimum order quantity, lead times, and specifications

Wire Pricing

Copper and other wire types vary by material, gauge, and market conditions. Prices are influenced by:

- Raw material costs (copper, aluminum)
- Wire gauge and insulation type
- Regional supply and demand trends

General Guidance:

- Bare copper wire is typically priced per pound or per foot, with fluctuations based on commodity markets.
- Specialty wires (armored, high-temperature, or low-smoke) cost more due to additional materials and manufacturing complexity.

Summary

Fiber optic cable: \$0.09–\$6 per foot (materials), plus \$1–\$3 per foot for installation depending on complexity and environment.

Wire: Highly variable; depends on material, gauge, an...

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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

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Small Form-factor Pluggable

Small Form-factor Pluggable connected to a pair of fiber-optic cables Small Form-factor Pluggable (SFP) is a compact, hot-pluggable network interface module

How Much Does Fiber Optic Cable Cost? 2025 Factory

Searching for how much does fiber optic cable costs? Stop guessing. We break down 2025 prices for OS2, OM3, and Armored cables directly from the Wolontek

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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

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