

A comprehensive price list for optical fiber cable and wire



AI Overview

Fiber optic cable prices vary widely by type, strand count, construction, and installation, ranging from \$0.09 to \$6 per foot for materials, with total installed costs reaching \$2,650–\$14,500 for typical projects.

Material Costs

Single-mode fiber (OS2): Typically costs \$0.09 to \$1.52 per foot, depending on strand count and manufacturer quality. Lower-cost options use generic glass, while premium brands like Corning offer lower attenuation and higher reliability.

Multimode fiber (OM3/OM4): Costs range from \$1.50 to \$6.00 per foot, reflecting wider cores and higher manufacturing standards for high-speed data centers.

Armored cables: Designed for harsh environments or direct burial, prices range from \$0.50 to \$6.50 per foot, depending on armor type and jacket rating (LSZH, plenum, or riser).

Fiber strand count: Higher strand counts increase costs proportionally. For example, a 12-strand cable may cost around \$0.50 per foot, while a 24-strand cable can reach \$1.00 per foot.

Pre-terminated assemblies and patch cables: Factory-terminated cables are more expensive due to labor and connector quality, with prices varying by connector type and fiber count.

Wholesale bulk purchases: Materials alone can be as low as \$0.09 per foot, while retail prices typically range \$1 to \$6 per foot.

Installation and Project Costs

Installation costs depend on distance, terrain, and complexity:

Basic indoor run (1,000 ft, single-mode): Cable \$0.40/ft, labor \$1.00/ft, permits \$150, accessories \$100. Total ≈ \$2,650–\$3,100.

Mid-range outdoor run (2,000 ft, conduit, 4 terminations): Cable \$0.70/ft, labor \$1.60/ft, permits \$350, delivery \$120, accessories \$250. Total ≈ \$4,940–\$6,120.

Premium outdoor run (5,000 ft, armored, multiple splices, professional testing): Cable \$1.00/ft, labor \$3.00/ft, permits \$900, delivery \$350, extended warranty. Total ≈ \$11,000–\$14,500.

Regional variations: Urban are...

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Wire & Cable Prices

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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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Fiber Optic Cable Price Per Foot Guide 2026

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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.

Top 10 Wire And Cable Manufacturers and Suppliers in

Wire and cable companies play a vital role in powering industrial, commercial, and residential infrastructure across the U.S. From traditional power

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How Much Does Fiber Optic Cable Cost? 2025 Factory Price Guide

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 factory floor.

Cost of Fiber Optic Cable Per Foot – 2026 US Installation Guide

Exclusive 2026 per-foot data for fiber optic cable. Compare singlemode, armored, indoor/outdoor costs. Real installation examples + cost-saving checklist.

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