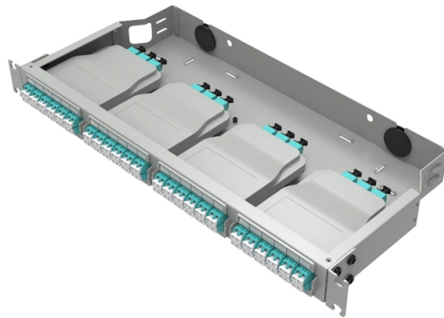


Latest version of optical cable price trend chart



Overview

Line chart with 259 data points. The chart has 1 X axis displaying xAxis. Data ranges from 2003-12-01 2:00:00 to 2025-06-01 1:00:00.

Key Takeaways

As of mid-2026, single-mode fiber optic cables range from \$0. 30 to \$2. 80 per meter, while multimode and armored cables can cost up to \$6.

50 per meter depending on type and protection. Current Market PricingSingle-mode fiber (OS2): Typically \$0. 30-\$2.

80 per meter, with higher prices for premium glass brands like Corning due to lower attenuation and better long-distance performance. Multimode fiber (OM3/OM4): Costs are higher, generally \$1. 50-\$6.

00 per foot, reflecting the wider core and stricter manufacturing standards. Armored cables: Designed for outdoor or high-risk environments, prices range from \$1. 15-\$6.

50 per meter, offering protection against physical damage.

Project-

Level Costs

For U. S. projects, total costs including cable, labor, permits, and accessories vary by project type: Basic indoor run (1,000 ft single-mode): Cable \$0. 40/ft, labor \$1.



00/ft, total $\approx$ \$2,650–\$3,100. Mid-range outdoor run (2,000 ft with conduit and 4 terminations): Cable \$0. 70/ft, labor \$1.

60/ft, total $\approx$ \$4,940–\$6,120. Premium outdoor run (5,000 ft armored cable, multiple splices, professional testing): Cable \$1. 00/ft, labor \$3.

00/ft, total $\approx$ \$11,000–\$14,500. Regional factors can influence costs: urban areas often have higher labor and permit fees (+15–25%), while rural areas may have lower labor but higher delivery costs ($\pm$ 5–15%),.

Market Trends

Price surges in 2026: In China, single-mode fiber prices rose sharply from 18 RMB/km in January to significantly higher levels by March 2026 due to supply tightening, reflecting broader global trends. Factors affecting pricing: Raw material costs (glass, copper, polymers), fiber core count, cable type, and manufacturer brand all influence unit prices.

Tips for Cost Management

Purchase bulk reels rather than per-meter to reduce unit costs. Avoid over-specifying armored cables for indoor use. Consider pre-terminated cables to save on field labor, even if upfront costs are higher.

These figures provide a practical reference for budgeting and procurement of optical cables in 2026, with adjustments needed for local market conditions and project-specific requirements.

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