Price increases for 2-core optical fiber cable



Overview

The pace of recent price increases marks a departure from the relative stability of the past few years.

Key Takeaways

The current price for 2-core fiber optic cable ranges from approximately $0. 05 to $1. 50 per meter, depending on fiber type, jacket material, and purchase volume.

Pricing OverviewSingle-mode fiber (OS2): Typically used for long-distance networks, costs around $0. 10 to $0. 50 per foot for standard cables, with bulk purchases potentially reducing the price by 20–40%.

Multimode fiber (OM3/OM4): Common in data centers and short-reach applications, generally costs $0. 30 to $1. 00 per foot.

Jacket Material: LSZH (Low Smoke Zero Halogen) jackets are standard for safety and environmental compliance, slightly increasing cost compared to PVC. Armored cables for outdoor or harsh environments can add 20–50% to the base price. Bulk Orders: Buying in large quantities (e.g., >10 km) can significantly reduce per-meter costs, while custom lengths or urgent orders may increase pricing.

Recent Market Trends

As of early 2026, fiber optic cable prices have been rising rapidly due to supply constraints, particularly in single-mode fiber markets in China. Prices for G. 652D single-mode fiber have surged from around 18 RMB per kilometer in January 2026 to significantly higher levels by March 2026, affecting finished cable costs globally.

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Practical Estimate

For a 2-core LSZH fiber optic cable suitable for FTTH or indoor installations: Low-end estimate: $0. 05–$0. 10 per meter for basic indoor duplex cableMid-range estimate: $0.

30–$0. 50 per meter for standard single-mode outdoor cableHigh-end estimate: $1. 00–$1.

50 per meter for armored or specialized cables with premium glass cores These prices are indicative and can vary based on supplier, region, and current market conditions. For precise quotations, contacting suppliers directly is recommended, especially given the rapid price fluctuations observed in 2026.

Summary

A 2-core fiber optic cable can cost anywhere from $0. 05 to $1. 50 per meter, with the final price influenced by fiber type, jacket material, environmental rating, and order volume.

Bulk purchases and standard specifications generally offer the most cost-effective options, while armored or specialized cables command higher prices.

Article Content

Fiber Optic Cable Price in 2026: Market Updates and Price Trends

Track the latest fiber optic cable price changes in 2026, including market updates from March to June, price trends for G.652D, G.657.A1 and G.657.A2 fibers, and analysis of supply,

Why Fiber Optic Prices Are Rising in 2026 – Market Trends, Cost

The global fiber optic industry is entering a new pricing cycle. Over the past several months, upstream material costs and supply chain constraints have pushed fiber prices upward, directly impacting

Optical fibre prices rise as preform availability tightens

The pace of recent price increases marks a departure from the relative stability of the past few years. Conditions are adjusting quickly as

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Industry reports indicate that average contract prices for standard single-mode bare fiber (G.652.D) have risen by 40–60% since Q1 2025, with spot market prices doubling in some regions.

Sky-High Prices Contribute to Rising Fiber Optic Cable Costs

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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

Optical fibre prices rise as preform availability tightens

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Optical networks

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Fiber Optic Prices Soar Over 400%; UBS: Global Supply Tightens,

This optical fiber price increase is not unique to China; it has clearly formed a global trend. CRU data shows that the price for G652.D bare fiber in the European market reached EUR 7.94 per

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