How much does multimode 4-core fiber optic cable cost per meter

Overview

Fiber Optic Cable Cost Per Meter for U.S. Buyers 2026Fiber optic cable cost per meter varies by type (single-mode vs multi-mode), durability, and installat.

Key Takeaways

Multimode 4-core fiber optic cables typically cost between $0.40 and $1.80 per meter, depending on construction and environment.Price Range and Factors

The cost of a 4-core multimode fiber optic cable varies based on cable type, jacket material, and intended use:

• Indoor distribution cables: Around $0.40 per meter for basic PVC-jacketed, tight-buffered cables suitable for standard indoor installations .

• Outdoor or armored cables: Can range up to $1.80 per meter, designed for harsh environments, direct burial, or UV exposure .

• Performance grade: OM1 cables are generally the least expensive, while OM3 and OM4 multimode cables cost more due to higher bandwidth and future-proofing capabilities . For example, OM4 riser-rated cables can cost $4.87 to $5.19 per foot, which converts roughly to $16–$17 per meter for specialized or armored versions . Additional Considerations
• Bulk purchases: Ordering large quantities (e.g., over 1,000 meters) often qualifies for tiered discounts, reducing the per-meter cost .

• Customization: Custom lengths, color-coded jackets, or hybrid configurations may slightly increase the unit price .

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• Installation environment: Indoor PVC or LSZH jackets are cheaper, while outdoor PE jackets or armored cables for direct burial add 20–50% to the base cost .
Summary

For a standard multimode 4-core fiber optic cable, expect $0.40–$1.80 per meter for typical indoor/outdoor applications. Specialized or armored OM4 cables can be significantly higher, especially for high-performance or harsh-environment installations. Always consider the cable grade, jacket type, and installation environment when budgeting for fiber optic projects .

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