

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



Overview

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

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 .

- 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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