

Armored Optical Cable Price



Overview

Amazon.com: Armored Fiber Optic CableShop durable armored fiber optic cables for outdoor and industrial use. Find LC, SC, and ST connectors in single-mode.

Key Takeaways

Armored fiber optic cable costs approximately \$1.15 to \$6.50 per meter (\$0.35-\$2.00 per foot), depending on type, armor, and installation method.Price Range

The cost of armored fiber optic cable varies based on fiber type, strand count, jacket material, and installation environment. For 2026:

- Material cost only: \$1.15-\$6.50 per meter for armored cables, with steel tape or interlock armor for protection against physical damage or rodents .
- Installed cost: Including trenching, conduit, splicing, and termination, prices range from \$1.20 per foot for simple trenching to \$6.00 per foot for directional boring or complex outdoor installations .
- Single-mode vs multimode: Single-mode cable is generally 20-30% cheaper per foot than multimode OM3/OM4/OM5, though single-mode optics may cost more for long runs .

Factors Affecting Cost

- Armor Type: Corrugated steel tape (CST) adds \$0.60-\$1.20 per foot; interlock armor adds more, often required for direct burial .
- Jacket Material: LSZH (Low Smoke Zero Halogen) jackets add ~\$0.25 per foot due to higher raw material costs .

- Installation Method: Open trench is cheapest (\$0.90–\$1.80/ft), aerial installation \$1.20–\$2.50/ft, and directional boring \$3.00–\$7.00/ft .

- Bulk Purchase: Buying longer reels (e.g., 10,000 ft) can reduce per-foot cost by ~20% compared to 1,000 ft reels .

- Labor and Accessories: Labor, conduit, connectors, and permits can significantly increase total project cost, sometimes exceeding the cable material cost itself .

Practical Considerations

- Armored cables are recommended for outdoor, underground, or high-risk environments to prevent damage from digging, rodents, or mechanical stress .

- Pre-terminated cables reduce on-site labor costs, which can be the most expensive part of installation, even if material costs are 20–30% higher .

- Regional factors, such as labor rates and permit costs, can adjust total project costs by $\pm 15\text{--}25\%$. In summary, for budgeting purposes, expect \$1.15–\$6.50 per meter for armored cable material, with total installed costs ranging from \$1.20 to \$6.00 per foot depending on installation complexity, armor type, and fiber specifications .

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As of 5-1-14-we now can now provide any armored fiber cable -ether multimode or singlemode at the best USA pricing. Call us for

5m 4 Core OS2 Single Mode Industrial TPU LC Outdoor

About this item 4 Core Single Mode LC Industrial Armored TPU Fiber Optic Patch

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Armored Fiber Cable

Whether you need direct burial armored cable, fire-resistant armored cable, or custom lengths, we are your trusted armored cable

Armored Fiber Optic Cables

Fiber Savvy offers armored fiber cables with two different types of armor: standard corrugated steel armored cable and aluminum

Armored Fiber Optic Cables

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