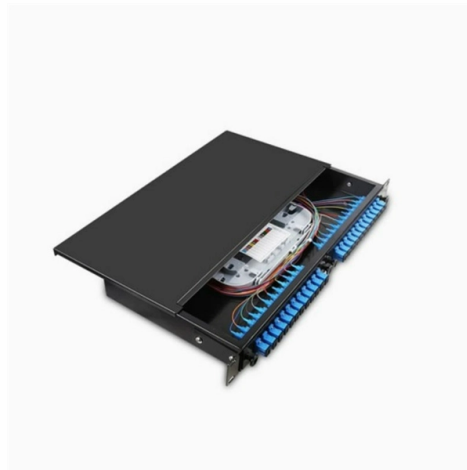


Price list for aluminum fiber optic cables with sheathing



AI Overview

Aluminum-sheathed fiber optic cables typically cost between \$0.50 and \$6 per foot, depending on fiber count, type, and environmental rating. Pricing Overview The cost of aluminum fiber optic cables depends on several factors:

Cable Type and Fiber Count: Single-mode fiber (OS2) is generally cheaper, ranging from \$0.09 to \$1.52 per foot for standard cables, while multimode fiber (OM3/OM4) can cost \$1.50 to \$6 per foot. Higher strand counts increase the price proportionally.

Sheath and Armor: Aluminum or armored sheaths designed for outdoor or harsh environments add 20-50% to the base cable cost. Armored cables suitable for direct burial or industrial use typically range from \$0.50 to \$5 per foot.

Environmental Rating: Outdoor-rated jackets (PE, UV-resistant) or flame-retardant coatings increase material costs compared to indoor PVC or LSZH jackets.

Installation Considerations: While material costs are the primary concern, total project costs may include labor, trenching, splicing, and connectors, which can significantly increase the overall expense.

Example Price Ranges

Basic Outdoor Aluminum-Sheathed Cable: \$0.50–\$1.50 per foot for single-mode, low strand count cables.

High-Performance or Multi-Strand Cables: \$2–\$6 per foot for multimode or high-count armored cables suitable for industrial or long-distance applications.

Bulk Wholesale Purchases: Prices can be lower, around \$0.09–\$1.52 per foot, depending on order volume and supplier.

Key Considerations

Fiber Count: More fibers increase both material and production costs.

Sheath Material: Aluminum or steel armor provides durability but adds to the price.

Application Environment: Direct burial, outdoor exposure, or industrial use requires higher-grade materials.

Supplier and Brand: Premium brands like Corning may cost more but offer lower attenuation and higher reliability. In summary, expect aluminum-sheathed fiber optic cables to cost...

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