

## Price list for optical fiber cable steel wire



### AI Overview

Optical fiber cables with steel wire typically cost between \$0.50 and \$5 per foot, depending on fiber count, construction, and application. Pricing Overview The cost of fiber optic cables with steel wire reinforcement varies widely based on specifications and purchase volume. For bulk material purchases, prices generally range from \$0.50 to \$5 per linear foot. Lower-end prices apply to simple, low-strand-count cables, while high-strand-count or armored cables suitable for outdoor or direct-burial applications can reach the upper end of this range. Retail prices may be slightly higher, typically \$1 to \$6 per foot, reflecting smaller quantities and pre-terminated assemblies.

Factors Affecting Price

Fiber Type and Count: Single-mode fibers are usually less expensive per foot than multimode fibers. Higher strand counts increase the cost proportionally; for example, a 12-strand cable may cost around \$0.50 per foot, while a 24-strand cable can reach \$1 per foot.

Cable Construction: Armored cables with steel wire reinforcement are more expensive than standard indoor riser-rated cables due to added durability and suitability for harsh environments.

Application: Outdoor, direct-burial, or long-haul cables require more robust construction, increasing material costs. Indoor or short-distance cables are generally cheaper.

Bulk vs Retail: Purchasing directly from manufacturers or in large quantities can reduce per-foot costs by 20–40% compared to retail prices.

Additional Considerations

Pre-terminated or patch cables incur higher costs due to factory termination and connector types.

Shipping and tariffs may affect final pricing, especially for international orders.

Installation costs are separate and can range from \$1 to \$6 per foot, depending on labor and complexity.

In summary, for optical fiber cables with steel wire, expect \$0.50–\$5 per foot for materials, with higher prices for specialized, high-strand-count, or armored cables, and additional costs for installation or pre-terminated assemblies.

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For more information, pricing, or custom solutions, please contact us:

Website: <https://lwazipm.co.za>

Email: [info@lwazipm.co.za](mailto:info@lwazipm.co.za)

Phone: +27 82 415 6392

Address: 15 Oxford Street, Rosebank, Johannesburg, 2196, South Africa

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