

How much does a standalone optical cable cost



Article Overview

Standalone fiber optic cables typically cost between \$0.09 and \$6 per foot, depending on type, strand count, and construction.

Price Range

- Single-mode fiber: \$0.09 to \$1.52 per foot for standard cables; bulk purchases may range from \$0.10 to \$0.50 per foot, while retail prices can reach \$2 to \$7 per foot for pre-terminated or armored options .
- Multimode fiber: \$1 to \$6 per foot, with higher strand counts and specialized construction increasing the cost .
- Low-count FTTH drop cables: Around \$0.13 per foot for a simple 1-core cable .
- High-count backbone cables: Up to \$6 per foot for 288-strand cables or more .

Factors Affecting Cost

- Fiber Type and Strand Count: Single-mode is generally cheaper per foot than multimode. More strands increase the price proportionally. For example, a 12-strand cable may cost \$0.50 per foot, while a 24-strand cable can reach \$1 per foot .
- Cable Construction: Indoor riser-rated cables are less expensive than plenum-rated cables. Armored cables for harsh environments or direct burial can cost \$0.50 to \$5 per foot .
- Environmental Rating: Outdoor, UV-resistant, or direct-burial cables are more expensive due to additional protective materials .
- Pre-Terminated or Patch Cables: Factory-terminated cables with connectors cost...

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Homeowners and businesses typically pay for fiber optic cable installation based on distance, conduit needs, and

Contact Us

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