Price range of centrally bundled tube outdoor optical cables



Overview

Discover the cost of fiber optic cable in this pricing guide. Learn material prices, installation factors, and what impacts total project costs overall.

Key Takeaways

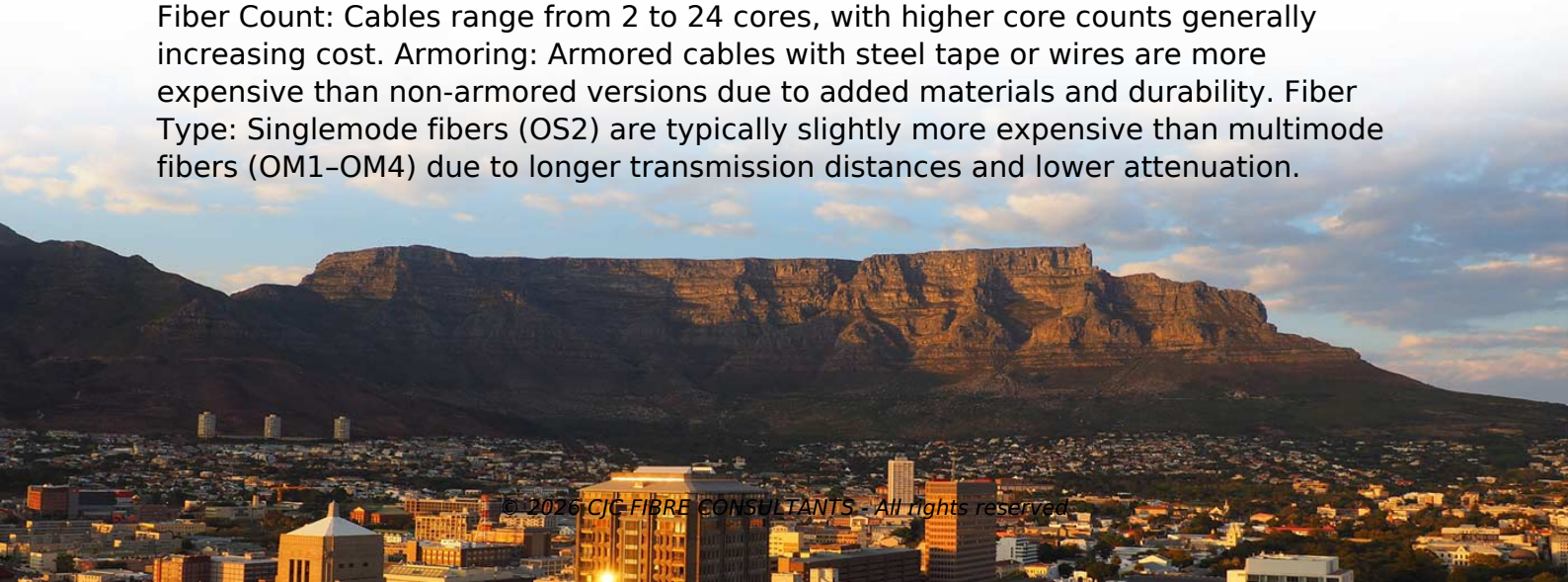
Centrally bundled tube outdoor optical cables typically range from $0. 50 to $3. 50 per meter, depending on fiber count, type, and armoring.

Overview

Centrally bundled tube outdoor optical cables, such as GYXTW or central loose tube armored cables, are designed for outdoor use with a central strength member and water-blocking loose tubes to protect fibers from moisture and mechanical stress. They are suitable for aerial, duct, or direct burial installations and can support singlemode (OS2) or multimode (OM1–OM4) fibers. Armored versions include corrugated steel tape or metal cladding for rodent and mechanical protection.

Factors Affecting Price

Fiber Count: Cables range from 2 to 24 cores, with higher core counts generally increasing cost. Armoring: Armored cables with steel tape or wires are more expensive than non-armored versions due to added materials and durability. Fiber Type: Singlemode fibers (OS2) are typically slightly more expensive than multimode fibers (OM1–OM4) due to longer transmission distances and lower attenuation.



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Installation Type: Direct burial or outdoor-rated cables with UV and moisture resistance may cost more than standard duct cables. Brand and Certification: Premium brands like Corning or Belden may charge higher prices due to quality assurance, ISO certifications, and warranty support. Typical Price RangeLow-end: $0.

50–$1. 00 per meter for basic outdoor central tube cables with 2–4 fibers, non-armored, multimode. Mid-range: $1.

00–$2. 50 per meter for 8–12 fiber cables, singlemode or multimode, with partial armoring. High-end: $2.

50–$3. 50 per meter for 24-core armored cables, singlemode, with full steel tape or metal cladding for harsh outdoor environments.

Conclusion

The price of centrally bundled tube outdoor optical cables varies widely based on fiber count, armoring, fiber type, and manufacturer. For precise pricing, contacting suppliers like KOLORAPUS, YRTFIBER, Corning, or Belden is recommended, as they can provide quotes tailored to specific cable specifications and order quantities.

Article Content

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2~12 Cores Outdoor Central Tube Fiber Optic Cable

Experience reliable and high-performance outdoor fiber optic connectivity with GYXTW Outdoor Central Tube Cable. With a production capacity of 200km per day and backed by 20 years of cable

The Ultimate Guide to Outdoor Central Tube Optical Cables

The applications of outdoor central tube optical cables span across diverse sectors, driving progress and connectivity on a global scale. From urban deployments connecting smart buildings

Central Loose Tube Optical Fiber Cable price from

Central Loose Tube Optical Fiber Cable Uni-fibercable''s Central Loose Tube Fiber Cables are ideal for indoor/outdoor applications, including use in conduit, direct

central tube optical cable

Commonly used outdoor optical cables are divided into two structures: central bundle tube type and layer stranded optical cable: ① Central tube optical cable: The center of the optical

Corning® ALTOS® Loose Tube Fiber Optic Cables

Corning ALTOS® cables provide stable performance over a wide temperature range and are compatible with any telecommunications-grade optical fiber.

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Compare loose tube and tight buffered fiber optic cables. Learn their structures, advantages, and best use cases for indoor and outdoor fiber networks.

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Discover our loose tube cables for indoor and outdoor use with high fiber density. Robust and reliable solutions for your needs.

The FOA Reference For Fiber Optics

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Cables Price Guide: What Impacts Fibre & Network Costs?

But cables price isn''t a fixed number—it fluctuates based on a range of factors including the type of cable (fibre optic vs copper), core count, shielding,

Armoured Loose Tube Cable (Central Bundled, Outdoor) GYXTW

Products Manufacturers specializing in telecommunications, fiber optic network connectivity, passive components, data center cabling, and other fields

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