

RIVO MULTITRADE OPTICAL SYSTEMS

Price of Outdoor Double-Layer Armored Optical Cable



Overview

Amazon.com: Outdoor Fiber Optic Cable Industrial-grade outdoor fiber optic cables with armor protection. Multiple configurations for long-distance transmiss.

Key Takeaways

Outdoor double-layer armored optical fiber cables typically range from \$1 to \$10 per meter, depending on fiber type, length, and protective features. Typical Pricing

- FOB China factory pricing for double-armored fiber optic cables (such as GYTA53 or GYTY53) generally ranges from \$1 to \$5 per meter for standard single-mode or multimode fibers, with prices increasing for thicker jackets, higher fiber counts, or specialized coatings for extreme environments .

- Alibaba listings show double-armored optical fiber cables priced around \$2 to \$8 per meter, depending on fiber count (4-24+ fibers), armor type (steel tape plus steel wire), and intended application (underground, industrial, or outdoor harsh environments), .

- Amazon products for shorter patch cables (5-300 meters) with dual armor construction, stainless steel spiral armor, and OM3/OM4 multimode fibers are priced from \$20 to \$200 per cable, reflecting length and performance specifications .

Factors Affecting Cost

- Fiber Type: Single-mode fibers (8-10 μm core) for long-distance transmission are generally more expensive than multimode fibers (50-62.5 μm) used for shorter distances .

- **Armor Layers:** Double-layer steel or aluminum armor increases mechanical protection, crush resistance, and rodent protection, which raises production costs .
- **Installation Environment:** Cables designed for direct burial, extreme temperatures, or industrial zones require additional sheathing and gel-filled or dry-block tubes, adding to the price .
- **Length and Quantity:** Bulk orders or longer runs reduce per-meter cost, while short patch cables or custom lengths are priced higher per meter .
- **Additional Features:** UV resistance, waterproof TPU jackets, and integrated copper conductors for power/data transmission can further increase cost .

Summary

For planning purposes, expect to pay roughly \$1-\$5 per meter for standard double-armored outdoor fiber optic cables, with higher-end industrial or long-distance variants reaching \$8-\$10 per meter. Shorter pre-terminated patch cables for enterprise or data center use are priced according to length and fiber type, typically \$20-\$200 per cable. Always consider fiber type, armor construction, and environmental requirements when comparing prices to ensure durability and performance in harsh outdoor conditions .

Article Content

Amazon : Outdoor Fiber Optic Cable

Industrial-grade outdoor fiber optic cables with armor protection. Multiple configurations for long-distance transmission.

ERSTICKT 5M/16FT Outdoor Armored Fiber Patch Cable, LC to LC

Would you like to tell us about a lower price? The 5m (16ft) LC to LC Outdoor Armored Fiber Optic Patch Cable is built for high

24 Core Fiber Optic Cable GYTY53 Outdoor Armored Double Jacket

24 Core GYTY53 fiber optic cable is used for direct buried underground, it suit for long distance and LAN fiber communications, we

2121112-4 | O-012-CA-8M-M12NS/30G/GY | CommScope

Fiber Optic Outside Plant Cable, 12-core, ECSS (Electro Chrome Coated Steel) Armored, Loose-tube, Gel-filled, 9/125 µm, OS2,

Outdoor Steel Armored Double Sheath Multi-Tube Fiber Optic Cable

Outdoor Steel Armored Double Sheath The two layer sheath provides good crush resistance performance, as well as the good

Amazon : Armored Fiber Optic Cable

Shop durable armored fiber optic cables for outdoor and industrial use. Find LC, SC, and ST connectors in single-mode and

24 Core Outdoor Armored Double Jacket Fiber Optic Cable

24 Core Fiber Optic Cable GYTY53 Outdoor Armored Double Jacket Waterproof Gel Filled loose tube direct burial is used for direct

OSP Fiber Cable| GYTS Fiber Optic Cable 12 cores SM Armored

GYTS (metal strengthening member, loose tube stranded and filled, steel-polyethylene bonded sheathed outdoor optical fiber cable

Armoured Fibre Optic Cables | Fibre Optic Cables | Netceed UK

Netceed offer a comprehensive range of armoured fibre optic cables designed to provide superior protection and performance for

Fiber Optic Cable Price Per Foot Guide 2026

Buyers typically pay a range for fiber optic cable per foot depending on fiber type, jacket, and shielding, plus

Armored Fiber Optic Cable with TPU Jacket

Ideal for military, construction, and industrial environments, our armored fiber optic cable is built to withstand extreme conditions

Armored Fiber Optic Cable For Sale

JXL produces different armored fiber optic cable including single & multiple mode, light & heavy armored, Multi-core. With Ex-Factory

Armored Fiber Optic Cables

This category of fiber optic cables is ideal for outdoor, aerial, duct and direct burial applications and come in armored plenum and

Outdoor Double Jacket Steel Armoured Fiber Optic Cable

The cable core is filled with a filling compound to protect it from water. A corrugated steel tape armour (CST) is longitudinally applied

Armored Fiber Optic Cable Outdoor — Complete Guide to Outdoor

Comprehensive guide to outdoor armored fiber optic cable: definitions, types, specs, installation scenarios, price

Outdoor Steel Armored Double Sheath Multi-Tube Fiber Optic Cable

The two layer sheath provides good crush resistance performance, as well as the good mechanical and temperature performance. It

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