Price list for optical fiber cable reinforced with steel wire

Overview

High Strength Steel Wire (HSSW) Armored Fiber Optic Cable 288 Since the first use of fiber optics, AFL has led the way with innovative cable products that.

Key Takeaways

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.

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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 ConsiderationsPre-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.

Article Content

High Strength Steel Wire (HSSW) Armored Fiber Optic Cable 288

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Steel Wire Armoured Fibre Optic Cable (SWA)

SWA cable has a similar design to CSTA cable but it can be used to offer the best protection for fibre exposed to the elements or when used in direct burial application.

Ftth fiber optic cable

Ftth fiber optic cable, steel wire and rods reinforced, other called butterfly type drop cable is designed to used indoor and outdoor, on last mile installation routes to

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Ftth cable Steel Wire Frp Rods Reinforced, 1 fiber

Ftth cable Steel Wire Frp Rods Reinforced, 1 fiber core other called self-support drop cable is designed to used indoor and outdoor, on last mile installation

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