Price List for Drop Fiber Optic Cable Cabling



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

Drop fiber optic cable prices range from $0. 05 to $1. 50 per meter depending on type, fiber count, and environmental rating.

General Pricing OverviewSimplex/Duplex Indoor Cable: $0. 05 – $0. 30 per meter, suitable for short indoor runs with minimal environmental exposure.

Single-mode Outdoor Cable (OS1/OS2): $0. 10 – $0. 50 per meter, ideal for long-distance or campus backbone installations.

Multimode Fiber (OM1/OM2/OM3/OM4): $0. 10 – $0. 60 per meter, commonly used in data centers and short-reach applications.

Armored Cable (Steel Tape / FRP): $0. 30 – $1. 00 per meter, provides extra protection for harsh environments or direct burial.

Aerial / Self-Supporting Cable: $0. 40 – $1. 50 per meter, designed for outdoor aerial installations.

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Bulk and Wholesale Pricing

Wholesale bulk purchases: $0. 09 – $1. 52 per foot depending on fiber count and cable type.

1-core FTTH drop cable: Approximately $0. 13 per foot. 2-fiber armored drop cable (bulk ≥10 km): $0.

55 – $0. 65 per meter. 12-strand fiber cable: Around $0.

50 per foot; 24-strand cable: up to $1. 00 per foot.

Installation and Total Cost Considerations

Indoor riser-rated cables: Lower cost than plenum-rated cables for air-handling spaces. Outdoor or direct-burial armored cables: $0. 50 – $5 per foot depending on construction and environment.

Labor, permits, and accessories: For a 1,000 ft indoor single-mode run: Cable $0. 40/ft, Labor $1. 00/ft, Permits $150, Accessories $100; total ≈ $2,650–$3,100.

Mid-range 2,000 ft outdoor run with conduit and 4 terminations: Cable $0. 70/ft, Labor $1. 60/ft, Permits $350, Delivery $120, Accessories $250; total ≈ $4,940–$6,120.

Premium 5,000 ft outdoor armored cable with multiple splices: Cable $1. 00/ft, Labor $3. 00/ft, Permits $900, Delivery $350; total ≈ $11,000–$14,500.

Factors Affecting Price

Fiber Count: Higher strand counts increase cost proportionally. Cable Construction: Loose tube, tight-buffered, armored, or non-armored options affect material and production costs. Jacket Material & Environmental Rating: Indoor PVC/LSZH is cheaper; outdoor PE/UV-resistant jackets cost more.

Connector Type & Pre-Termination: Factory-terminated assemblies and patch cables incur higher costs. Region & Supplier Terms: Urban areas may have higher labor and permit costs; bulk orders and multi-year contracts can reduce per-unit cost. This pricing guide provides a comprehensive reference for planning FTTH or enterprise fiber drop cable projects, allowing for accurate budgeting based on cable type, fiber count, and installation environment.

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Article Content

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