

Price List for Incoming Optical Cables

Article Overview

Fiber optic cable prices vary by type, strand count, construction, and installation, ranging from \$0.09 to \$6 per foot for materials, with additional costs for labor, permits, and accessories.

Material Costs

- Single-mode fiber (OS2): \$0.09 to \$1.52 per foot, depending on strand count and jacket type .
- Multimode fiber (OM3/OM4): \$1.50 to \$6.00 per foot, with higher costs for high-speed data center applications .
- Armored cables: \$0.50 to \$5 per foot for direct burial or harsh environments; steel tape armor can increase cost to \$1.15-\$6.50 per meter .
- Jacket types: LSZH jackets are 25-40% more expensive than standard PVC due to safety and environmental standards .
- Bulk wholesale purchases: \$0.09 to \$1.52 per foot; retail prices range \$1 to \$6 per foot .

Installation and Labor Costs

- Indoor runs: Labor typically \$0.60 to \$3.00 per foot depending on terrain and termination complexity .
- Outdoor runs with conduit: Labor and trenching increase total cost; mid-range 2,000 ft outdoor run with 4 terminations ≈ \$4,940-\$6,120 .
- Premium installations: 5,000 ft outdoor armored cable with multiple splices and professional testing ≈ \$11,000-\$14,500

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Pricing by Length and Fiber Count The total length of fiber optic cable needed directly drives the installation costs.

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