

Wholesale Price of Outdoor Single-Mode Optical Cable



Overview

High quality fiber optic cables from Corning, AFL, OCC, Mohawk and other leading manufacturers. Aerial, ADSS, armored, distribution, direct burial and more.

Key Takeaways

Outdoor single-mode fiber optic cables typically cost between \$0.50 and \$7.00 per foot, depending on construction, strand count, and additional features.

Price Range Overview

The retail price of outdoor single-mode optical cables varies widely based on cable type, strand count, and protective features. For standard bulk outdoor cables, prices generally range from \$2.00 to \$7.

00 per foot for high-quality glass fiber cables. Lower-count or simpler cables may cost around \$0.50 to \$1.

00 per foot, while pre-terminated or armored cables can reach \$5.00 per foot or more.

Factors Affecting Cost

Construction Type: Armored cables designed for harsh outdoor environments are more expensive due to additional protective layers. Tight-buffered or loose-tube designs for outdoor use also influence pricing. Strand Count: Higher fiber counts increase cost proportionally.

For example, a 12-strand cable costs more than a 6-strand cable.

Pre-

Termination: Factory-terminated cables with connectors are more convenient but add to the price. Material and Rating: Outdoor-rated cables often use water-blocking materials, UV-resistant jackets, and plenum or riser ratings for safety, which can increase cost.

Example Retail Pricing

Basic Outdoor Run: 2,000 ft of outdoor single-mode cable with conduit and minimal terminations: Cable cost $\approx$ \$0. 70/ft, total project cost \$4,940–\$6,120. Premium Outdoor Armored Cable: 5,000 ft with multiple splices and professional testing: Cable cost $\approx$ \$1.

00/ft, total project cost \$11,000–\$14,500.

Single-

Mode Fiber from Suppliers: 6-strand or 12-strand OS2 outdoor-rated cables are available from suppliers like Platt Electric, with prices reflecting strand count, jacket type, and water-blocking features.

Summary

For outdoor single-mode fiber optic cables, expect \$0. 50–\$7. 00 per foot depending on specifications.

Armored, pre-terminated, or high-strand-count cables are at the higher end, while simple bulk runs are at the lower end. When budgeting, consider additional costs for installation, conduit, labor, and permits, which can significantly increase total project expenses.

Article Content

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GYTC8S Fiber Optic Cable Wholesale Single Mode 48 Core Figure 8 Aerial Optical Cable Price No reviews yet \$0.11-1.60 Minimum order quantity: 1,000 meters

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