

# **Optical Cable Aerial Construction Budget**



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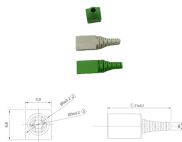
What Drives Price Two niche-specific drivers frequently affect per-mile pricing: (1) Terrain and build method — underground trenching vs. aerial fiber on poles, and (2) Fiber specifications — fiber type ...



Installing or “overlashing” aerial fiber optic cable typically costs \$8 to \$12 per linear foot. When considering the cost per mile, this translates to approximately \$40,000 to \$60,000 per mile.



Smart contractors know that underground vs aerial installation pricing varies wildly based on location and project conditions. This breakdown gives you real numbers to build better estimates.



Learn how to budget for fiber optic network installation—covering equipment, labor, permits, and maintenance to ensure a cost-efficient project.



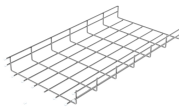
Fiber optic construction is bringing high-speed internet connectivity to homes and businesses in cities around the world. These networks are constructed both underground and ...



An outside plant cable installation may require several different types of cables depending on the method of installation and the route of the cable plant, e.g. where some cables are installed ...



BroadbandUSA collected information about network construction expenses to increase awareness of the costs associated with deploying a broadband network. This information can help project leaders ...



Median costs in 2025 were \$18/ft for underground builds and \$8/ft for aerial builds, with significant variation based on terrain, density, and construction method.



Key Takeaway Fiber optic network projects for industrial and oil and gas applications typically cost \$15,000-50,000 per mile for aerial installation and \$30,000-80,000 per mile for direct ...



The main cost drivers include material type, run length, trenching or aerial work, and any required permits or inspections. This guide provides clear cost estimates, price ranges, and practical ...

## Contact Us

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