

Price List of Optical Cables for Smart Buildings in Vertical Shafts



Article Overview

The spot price of optical fiber cables for vertical shafts in smart buildings typically ranges from \$0.25 to \$0.90 per foot for the cable alone, with total installed costs reaching \$1.00 to \$6.00 per foot depending on fiber type, jacket, and installation complexity.

Cable Types and Specifications

For vertical shafts in multi-story buildings, riser-rated OFNR (Optical Fiber, Nonconductive, Riser) cables are commonly used. These cables are designed for indoor vertical installations, meeting fire safety standards such as NEC 770 and UL 1666, ensuring minimal smoke and self-extinguishing properties in case of fire . They are available in single-mode (SMF) and multimode (MMF) configurations, with options for tight-buffered or bend-insensitive fibers, and LSZH jackets for low-smoke, zero-halogen safety .

Market Pricing Trends

Recent market data indicates that raw optical fiber prices have surged, particularly for single-mode fibers like G.652D, due to supply constraints in early 2026. In China, spot prices for single-mode fiber reached unprecedented levels, reflecting broader global trends . Finished fiber cables for indoor use are affected by these raw material costs, leading to higher per-foot pricing....

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The specially formulated, flame-retardant outer jacket and rugged construction of these cables facilitates

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Contact Us

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