

Price of 48-core optical cable reel

Article Overview

A full 48-core fiber optic cable reel typically costs between \$1,200 and \$3,500, depending on type, length, and manufacturer.

Factors Affecting Price

- o Cable Type: Single-mode (OS2) cables are generally more expensive than multi-mode (OM3/OM4) due to longer transmission distances and lower attenuation .
- o Reel Length: Standard reels range from 1,000 feet to several thousand feet. A 1,000-foot reel of 48-core single-mode cable can cost around \$1,200-\$1,500, while longer reels (e.g., 3,000-5,000 feet) can reach \$3,000-\$3,500 .
- o Outdoor vs Indoor: Outdoor-rated, gel-free, armored, or plenum-rated cables are more expensive due to additional protective layers and compliance with safety standards .
- o Brand: Premium brands like Corning, CommScope, or Prysmian may carry a higher price due to quality assurance and warranty coverage .

Example Products

- o CommScope 48-Fiber OS2, All-Dielectric, Gel-Free, Outdoor Loose Tube: Suitable for aerial, conduit, or direct-buried applications, typically sold in reels of 1,000-5,000 feet .
- o Corning 48-Strand Plenum-Rated Indoor/Outdoor Cable: 1,000-foot reels for high-speed long-distance runs, plenum-rated for fire safety .

Purchasing Tips

- o Bulk Orders: Buying multiple reels can reduce per-foot cost.
- o Check Specifications: Ensure the cable meets your installation environment (indoor, outdoor, plenum, armored).
- o Vendor Quotes: Prices vary by supplier; requesting a quote from vendors like Quantum Source, Wire & Cable Your Way, or CableWholesale can provide exact pricing . In summary, a full 48-core fiber optic cable reel generally ranges from \$1,200 to \$3,500, with the final price influenced by length, type, rating, and brand. For precise pricing, contacting suppliers directly is recommended.

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48 Fiber Fiber Optic Cables are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for 48 Fiber Fiber

A practical, no-fluff guide to evaluating 48-core OPGW cable pricing, specs, and real-world suitability--based on

Description of 48 Core GYTY53 fiber optic cable Fiber optic cable GYTY53, 2~144 fibers, central strength member (steel), jelly filled,

Overview: The 48 Core GYTY53 Fiber Optic Cable is a robust, fully armored

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