

How much is a 48-core bundled optical cable per meter



Overview

Fibre Optic Bulk Cable - Buy per Metre - Loose Tube / OM1 / 4 Core is backordered and will ship as soon as it is back in stock.

Key Takeaways

The cost of a 48-core optical fiber cable typically ranges from USD \$5.50 to \$9.56 per meter, with bulk orders often priced around \$6.20-\$7.80 per meter. Price Overview

For 48-core OPGW cables, recent market data shows prices clustering between \$5.50 and \$9.56 per meter, depending on supplier, fiber type, and certification compliance. Bulk orders of 10 km or more generally fall in the \$6.20-\$7.80 per meter range . These cables are usually single-mode (G.652.D or G.655) and include a metallic sheath for dual-function use as both a lightning protection ground and optical fiber pathway. For 48-core GYTY53 outdoor armored cables, designed for direct burial and long-distance transmission, prices are generally favorable and accessible for most users. These cables feature double steel tape armor, dual PE jackets, and single-mode OS2 fibers, providing high durability and low attenuation for backbone and access networks .

Factors Affecting Cost

- Cable Type: Single-mode cables are standard for long-distance transmission and tend to be slightly more expensive than multimode options .



- **Construction:** Armored cables with steel tape and dual jackets cost more than indoor or non-armored cables due to enhanced mechanical and environmental protection .
- **Bulk Orders:** Larger quantities reduce the per-meter cost, as seen in bulk OPGW pricing .
- **Certification and Standards:** Compliance with IEC 60794-3-20, fiber type certification, and tensile strength testing can influence pricing .
- **Installation Considerations:** Direct burial, outdoor exposure, and long-distance runs may require specialized cable types, slightly increasing material costs .

Summary

For budgeting purposes, expect \$5.50–\$9.56 per meter for standard 48-core optical cables, with bulk purchases averaging \$6.20–\$7.80 per meter. Prices vary based on cable type, construction, certification, and order size, so verifying specifications with suppliers is essential before purchase .

Article Content

48 Fiber Breakout Cables

Each 48 fiber breakout cable contain LC, SC, or ST pre-terminated connectors, as well as Single-mode (OS2) or Multimode (OM1),

Cost of Fiber Optic Cable: Pricing Guide (2026)

Discover the cost of fiber optic cable in this pricing guide. Learn material prices, installation factors, and what impacts

48-Strand Indoor/Outdoor Corning OM3 Fiber, 10Gbit 2000ft

This is a black 2000 foot drum of indoor/outdoor rated fiber optic distribution cable intended for large installations of short range runs

Fibre Cable Price Breakdown – Cost Per Metre & Installation

Discover the fibre cable price for OM3, OM4, and singlemode cables. Compare per metre costs, installation types, and real-world

PRODUCT SPECIFICATIONS

PRODUCT DESCRIPTION Fiber Optic Cable - OM4 Multimode Fiber, Plenum or Riser Rated cable that is offered in 48, 60, 72, or 96

Fibre Optic Bulk Cable

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Fiber Optical Cable Single Mode

Six Fiber Core 20 Meter Long Cable Single Mode Compatibility Specially designed for reliable, long-distance, Ethernet connectivity

Bulk Fiber Optic Cables for Internet | CableWholesale

Fiber optic cables are one of the most popular types of long-distance networking cable, making them ideal for a variety of

Fiber Optic Cable Price Per Foot Guide 2026

The price per foot is often bundled with labor and ancillary components to give a full project estimate. ... Assumptions:

Fiber Optic Cable | Single/Multi-Mode Fiber Optic Cable | RS

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Fiber Optic Cables - MT Link | Pakistan

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

