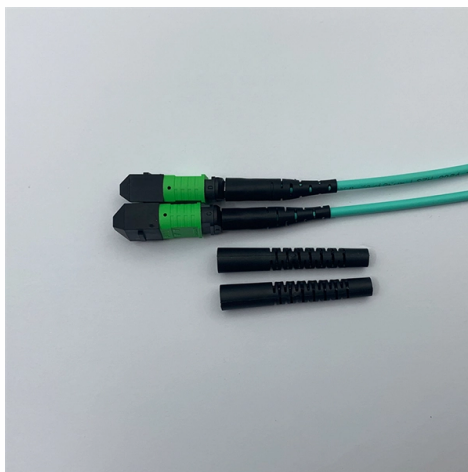


How much is a 48-core bundled optical cable per meter



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

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.

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:

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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.

