

How much does a dual-core butterfly-shaped optical cable cost



Overview

Find wholesale 2 core butterfly fiber optic cable, Modbus cabling components, serial communication cable, and much more.

Key Takeaways

A 2-core butterfly optical cable typically costs between \$0.09 and \$1.52 per foot, depending on specifications, length, and vendor. Wholesale and Retail Pricing

For bulk purchases, 2-core butterfly optical cables are available on platforms like Alibaba and Made-in-China, with standard reel lengths of 1,000 meters (approximately 3,280 feet) . Prices vary based on fiber type (single-mode or multimode), strength members (steel wire or FRP), and sheath material. Retail options, such as Aliexpress, offer 2 km rolls of indoor butterfly cables, with prices generally ranging from \$0.10 to \$0.50 per foot for single-mode fiber .

Factors Affecting Cost

- **Fiber Type:** Single-mode fiber is usually cheaper per foot than multimode fiber, but multimode may be preferred for shorter indoor runs .
- **Cable Construction:** Indoor-rated, low-smoke, zero-halogen, or flame-retardant jackets increase cost slightly. Armored or outdoor-rated cables are more expensive .
- **Length and Reel Size:** Standard reels are 1 km, but custom lengths can affect unit pricing .

- Installation: If purchasing materials only, expect lower costs; including installation, splicing, and termination can raise total project costs significantly .

Practical Price Examples

- Wholesale bulk purchase: \$0.09-\$1.52 per foot depending on fiber type and construction .
- Retail 1 km indoor 2-core butterfly cable: approximately \$100-\$500 per reel, depending on vendor and shipping .
- Installation-inclusive projects: For a 1,000 ft indoor run, total costs including cable, labor, and accessories can range from \$2,650 to \$3,100, while a 2,000 ft outdoor run may cost \$4,940-\$6,120 .

Summary

The cost of a 2-core butterfly optical cable depends on fiber type, cable construction, length, and whether installation is included. For material-only purchases, expect \$0.09-\$1.52 per foot, with standard 1 km reels commonly available. For complete installation projects, total costs can rise significantly due to labor, splicing, and accessories. Choosing the right cable type and vendor is essential to balance performance and budget .

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1 Core, 2 Core, 3 Core Butterfly Drop Cable

The outdoordrop cable has a self-supporting hanging wire in a figure-8 shape. The drop cable is generally divided into 1 core, 2 cores

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