Price of Dual-Core Butterfly Optical Cable

Overview

2 core butterfly optic cable Find wholesale 2 core butterfly optic cable, data communication cable, and much more at Alibaba.com. Buy communication cables.

Key Takeaways

The price of a 2-core butterfly optical cable typically ranges from $0.50 to $2.50 per meter, depending on specifications and supplier.Overview

A 2-core butterfly optical cable, also known as a figure-8 or lead-in cable, is designed for indoor FTTH installations. It features two parallel FRP or steel reinforcement members on either side of the optical fiber, with a PVC or LSZH sheath for flame retardancy and environmental safety . These cables are lightweight, flexible, and suitable for direct indoor wiring or building entry points.

Factors Affecting Price
• Fiber Type: Single-mode (G657A1) is more common and slightly cheaper than multi-mode fibers .

• Sheath Material: LSZH (low smoke, halogen-free) is more expensive than standard PVC due to safety and environmental compliance .

• Reinforcement Material: Steel-reinforced cables are generally more expensive than FRP-only versions because of higher tensile strength .

• Length and Supplier: Bulk purchases from manufacturers or wholesalers (e.g., Alibaba or Made-in-China) can reduce the per-meter cost .
Typical Price Range
• Low-end: $0.50–$1.00 per meter for basic indoor PVC-sheathed, FRP-reinforced single-mode cables.

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• Mid-range: $1.00–$1.80 per meter for LSZH-sheathed, FRP or steel-reinforced cables.

• High-end: $2.00–$2.50 per meter for premium single-mode G657A1 cables with steel reinforcement and LSZH sheath, suitable for professional FTTH installations .
Purchasing Tips
• Verify the fiber type and reinforcement material to match your installation needs.

• Check if the supplier offers pre-connectorized or field-terminable options, which can affect installation cost.

• Consider shipping and import fees if ordering internationally, as these can significantly impact the total cost. By comparing suppliers and specifications, you can select a 2-core butterfly optical cable that balances performance, safety, and cost for your FTTH or indoor telecom project .

Article Content

Dual-core Butterfly Optical Cable

The dual-core butterfly optical fiber cable is a specialized type of fiber optic cable characterized by its unique flat, wing-like structure

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

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