Price of 48-core armored single-mode optical cable



Overview

Shop 48 Fiber Metallic Armored OFC cable at best price (Optical Fiber Cable) for high-speed, long-distance data transmission.

Key Takeaways

The price of a 48-core single-mode armored optical cable typically ranges from $1. 50 to $3. 50 per meter, depending on brand, specifications, and purchase quantity.

Overview48-core single-mode armored optical cables, such as GYTY53, HES, ELV, and metallic armored G. 652D cables, are designed for long-distance, high-capacity, and outdoor applications. They feature: Single-mode fibers (9/125 µm, OS2 or G.

652D) for low attenuation and high bandwidth. Armored protection with steel tape or double jackets to resist mechanical stress, rodents, and environmental hazards. Direct burial suitability with water-blocking gel or PE jackets for underground installation.

High reliability for backbone networks, FTTH, industrial networks, and railway communications.

Price Considerations

Supplier and Brand: Prices vary by manufacturer (e.g., GYTY53, HES, ELV) and quality certifications. Length and Quantity: Bulk orders or longer cable lengths often reduce the per-meter cost. Installation Requirements: Pre-terminated or armored cables may cost more due to additional labor or materials.

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Market Variability: Prices fluctuate based on raw material costs, shipping, and regional demand.

Typical Market Range

Based on industry listings and supplier catalogs: Standard 48-core single-mode armored cable: $1. 50–$2. 50 per meter for bulk orders.

Premium or pre-terminated armored cables: $2. 50–$3. 50 per meter, especially for high-quality steel armor or specialized outdoor applications.

Alibaba or online marketplaces may offer competitive pricing, but quality and certification should be verified.

Recommendation

For accurate pricing: Request a quote from multiple suppliers specifying cable type, length, and installation requirements. Verify certifications (e.g., ITU-T G. 652D, RDSO approval) to ensure compliance with network standards.

Consider shipping and import costs if purchasing internationally. This approach ensures you obtain a cost-effective and reliable 48-core single-mode armored optical cable suitable for your network infrastructure.

Article Content

48 Core Optical Fiber cable

Shop 48 Fiber Metallic Armored OFC cable at best price (Optical Fiber Cable) for high-speed, long-distance data transmission. Durable and ideal for telecom,

48 Core Single Mode Fiber Optic Cable

Buy wholesale 48-core single mode fiber optic cable with double jacket armor steel. Prices from $0.18 to $500, order as few as 1 piece. Suitable for aerial ADSS and underground

Armoured 48 core fiber optic cable

Shop high-quality armoured 48 core fiber optic cables for reliable and efficient communication. Perfect for FTTH, outdoor, and underground applications.

Opti-Core Fibre Optic Indoor-Outdoor Armoured Cable 48 to 144

The fibre cable shall contain 48 to 144 fibres and have an armoured loose tube construction. It shall be suitable for indoor applications, complying with IEC standards for low smoke/zero halogen and

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48 Cores GYTS Fiber Optic Cable Stranded Steel Tape

48 Core GYTS Fiber Optic Cable is the outdoor fiber optic cable type used for duct and aerial applications. We supply single mode GYTS fiber optical cable and multimode GYTS fiber optic

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How to Choose the Best 48 Core Fiber Optic Cable for Your Network

For most commercial and industrial applications, a single-mode, loose tube, armored 48 core fiber optic cable provides the best combination of reach, durability, and future readiness.

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Discover 96 core fiber optic cable with G652D single-mode performance, ideal for FTTH and aerial applications. CE/ROHS certified, durable ADSS design.

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Draka Single-Mode Cable Buying Guide 2024

GYXTW Armored Fiber Optic Cable 2-24 Core Single Mode Outdoor Aerial Anti-Rodent for Kenya Telecom $0.60 5.0(843) MOQ: 1000 meters Draka brand UCFIBRE series

Outdoor Fiber Optical Self-supporting Figure 8 Cable

The Figure 8 fiber optic cable for outdoor application stands as an exceptional solution for long-distance and inter-office communications.

Top 20 Fiber Optical Fiber Cable Suppliers

As global communication needs rapidly evolve, Europe stands out as a key player in the fiber optic cable manufacturing industry. Several companies

48 Core GYTC8S Figure-8 Fiber Optic Cable Price & Datasheet

This kind of cable is specifically used for self supporting aerial installation. The mental strength member is made up of stranded wires as the supporting part are completed with a polyethylene (PE) sheath

48 Strand Indoor/Outdoor Plenum sm MicroArmor Fiber Optic Cable

Our Indoor/Outdoor Ultra Thin Micro Armor Fiber™ Optic Cable is a revolutionary designed fiber optic cable that provides a perfect solution for your fiber optic installs and usage. Instead of a traditional

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

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