Price of 1000-meter 4-core optical cable



Overview

4 Core Fiber Optic Cable Discover 4 core fiber optic cables for reliable fiber networking. Ideal for FTTH, outdoor use with CE/ROHS certification and G657A.

Key Takeaways

The price of a 1000-meter 4-core optical fiber cable typically ranges from $400 to $1,800 depending on type, quality, and environmental specifications.

Price Overview

Basic indoor multimode cables: Around $0. 40 per meter, totaling approximately $400 for 1000 meters (suitable for short-distance LAN or building installations). Single-mode outdoor or armored cables: Can cost up to $1.

80 per meter, totaling roughly $1,800 for 1000 meters, designed for long-distance transmission and harsh environments. Recycled or budget options: Some suppliers offer 4-core waterproof fiber optic cables at 6. 10 INR per meter, which is roughly $75–80 for 1000 meters in India, though quality and durability may vary.

Factors Affecting Price

Cable Type: Single-mode cables (OS2) are more expensive than multimode (OM3/OM4) due to higher transmission efficiency and longer distance capability. Jacket Material: Outdoor, armored, or halogen-free flame-retardant jackets increase cost compared to standard PVC indoor cables. Installation Environment: Cables designed for harsh conditions, UV exposure, or underground deployment are priced higher.

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Brand and Certification: Reputable brands like OWIRE provide tested, certified cables with warranties, which can justify higher prices. Bulk Discounts: Large orders (≥1000 meters) often receive tiered discounts, reducing the per-meter cost.

Recommendations

For short-distance indoor networks, a basic multimode 4-core cable is cost-effective. For long-distance or outdoor telecom applications, invest in single-mode, armored, or FRP-reinforced cables to ensure durability and low signal loss. Always verify compliance with ISO/IEC or TIA/EIA standards to avoid premature failures.

By considering these factors, you can select a 1000-meter 4-core optical cable that balances cost, performance, and longevity for your specific application.

Article Content

4 Core Fiber Optic Cable

Discover 4 core fiber optic cables for reliable fiber networking. Ideal for FTTH, outdoor use with CE/ROHS certification and G657A1/G652D fiber types.

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4 Core Fiber Optic Cable Price List with OWIRE Solutions

Looking at a typical 4 core fiber optic cable price list from OWIRE, prices start around $0.40 per meter for basic indoor distribution cables and can

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Factory Wholesale Price Fibre Optic Cable Outdoor FTTH 1 2 4 Core 1km 2km Aerial Flat Otical Fiber Drop Cable Internet Cable $0.01-0.03 MOQ: 1000 meters Hongan Group Corporation Limited

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

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