

Domestic Communication Optical Cable Wholesale Price List



Overview

You gain latest optical fiber specifications, tracking top market trends, and direct wholesale access for competitive pricing. For industry-leading electrical buyers, submit an inquiry to check availability.

Key Takeaways

Wholesale fiber optic cables for domestic communication typically range from \$0.3 to \$5 per meter, depending on type, specifications, and application.

Price Range and Factors

The wholesale price of fiber optic cables varies widely based on cable type, core count, material, and intended use. For example, a standard FTTH (Fiber to the Home) drop cable with a single core costs around \$0.4 per meter, while specialized mining or industrial cables can reach up to \$3 per meter.

In general, wholesale prices for domestic communication optical cables range from \$0.3 to \$5 per meter depending on specifications and application requirements. Key factors influencing price include: Fiber Type: Singlemode cables (for long-distance transmission) are generally more expensive than multimode cables (for shorter distances) due to higher performance standards.

Core Count and Configuration: Higher fiber counts or duplex/multi-fiber configurations increase cost. Sheath Material: PE, PVC, or LSZH sheaths vary in price and durability, affecting overall cable cost. Installation Environment: Outdoor, underground, or aerial installations may require reinforced or self-supporting cables, which are more costly.

Bulk Purchase Discounts: Buying in large quantities from wholesalers or manufacturers can significantly reduce per-meter costs.

Types of Domestic Communication Optical Cables

Singlemode Fiber (OS2, G. 657): Ideal for long-distance communication, high-speed networks, and backbone connections. **Multimode Fiber (OM1, OM2, OM3, OM4):** Suitable for shorter distances, LANs, and data centers, generally lower cost per meter.

ADS

S (All-Dielectric Self-Supporting) Cables: Used for aerial installations without metallic support, often priced higher due to structural requirements.

Purchasing Tips

Compare factory-direct prices from manufacturers to avoid middleman markups. Consider future network expansion to avoid frequent upgrades. Evaluate custom cable assemblies for specific lengths or pre-terminated connectors to save installation time and cost.

By considering these factors, businesses can select the most cost-effective fiber optic cables for domestic communication networks while ensuring performance and reliability.

Article Content

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