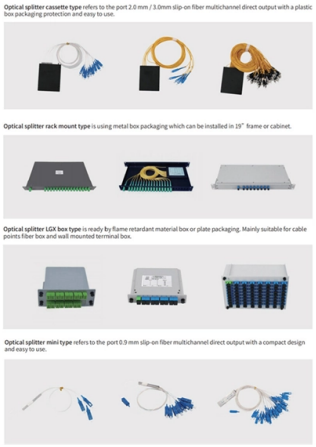
Price quote for single-mode 4-core optical fiber cable



Overview

With Fiber4u''s Single Mode Fiber Cable solutions, you can meet all your fiber optic requirements for your projects at the most cost-effective rates and establish a durable and reliable infrastructure.

Key Takeaways

A standard 4-core single-mode fiber optic cable typically costs between $0. 40 and $1. 80 per meter, with 100-meter reels ranging from $60 to $90 depending on specifications and bulk orders.

Pricing Overview

The cost of a 4-core single-mode optical fiber cable depends on several factors, including cable type, jacket material, length, and additional features such as armored protection or UV resistance. Single-mode fiber uses a narrow 9-micron glass core, allowing long-distance transmission over 100 kilometers with minimal signal loss, making it ideal for backbone networks, ISP deployments, and campus-wide connections. Typical pricing examples include: Basic indoor PVC-jacketed cable: around $0.

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40 per meterRuggedized outdoor or armored cable: up to $1. 80 per meter100-meter reel of single-mode OS2 4-core cable: approximately $60–$90, depending on order volume and customization Bulk Orders and DiscountsFor large-scale deployments, bulk purchases exceeding 1,000 meters often qualify for tiered discounts, reducing the per-meter cost. Ordering longer spools or pre-terminated cables with connectors (SC, LC, FC) may carry a premium due to labor and precision but can save installation time and reduce splice losses.

Quality and Specifications

When evaluating price, consider total cost of ownership: lower-priced cables may compromise on fiber purity, tensile strength, or moisture barriers, leading to higher maintenance costs or premature failure. Reputable manufacturers like OWIRE and Fiber4u provide cables compliant with international standards (e.g., ITU-T G. 652.

D), ensuring consistent performance, durability, and reduced signal attenuation.

Customization Options

Many suppliers offer custom lengths, color-coded jackets, armored variants, and hybrid configurations combining fiber with copper conductors for powering devices like IP cameras. While customization may slightly increase unit cost, it improves system organization and long-term maintenance efficiency. Recommended VendorsOWIRE: Offers LSZH, armored, aerial, and direct burial 4-core single-mode cables with rigorous quality control and factory testing.

Fiber4u: Provides project-specific single-mode fiber cables with flexible sheathing materials, armored options, and worldwide delivery.

Alibaba and ISP

Mart: Offer bulk 4-core single-mode cables suitable for indoor/outdoor use with CE certification and FRP reinforcement. For an accurate quote, it is recommended to contact suppliers directly with your required length, jacket type, and any pre-termination or environmental specifications to receive a tailored price.

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With Fiber4u''s Single Mode Fiber Cable solutions, you can meet all your fiber optic requirements for your projects at the most cost-effective rates and establish a durable and reliable infrastructure.

4-Core Single mode Fiber Optic Cable

4-Core Single mode Fiber Optic Cable also called 4-core Optical fiber cable,is a

4 Core Single Mode Fiber Optic Cable Price with

In conclusion, the 4 core single mode fiber optic cable price reflects a combination of material quality, construction type, length, and brand reputation.

Fiber-optic cable

A fiber-optic cable, also known as an optical-fiber cable, is an assembly similar to an electrical cable but containing one or more optical fibers that are used to carry light.

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12 F Armoured Fiber Optic Cable Conductor Material : Glass Fiber Mode Type : Single Mode Number Of Cores : 12 Core Cable Length : 1km Coil Length :

Fiber Optic Cables

CommScope designs and manufactures a comprehensive line of fiber optic cables—from outside plant to indoor/outdoor and fire-rated indoor fiber cables.

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