4-core single-mode fiber optic cable quota



Overview

Single Mode Fiber Optic Cables |Find premium single mode fiber optic cables for high-speed data transmission. 20 years of expertise and worldwide delivery.

Key Takeaways

4-core single-mode fiber optic cables are generally classified under HS Code 8544. 70, which governs optical fiber cables, and may be subject to specific import quotas depending on the country.

HS Code and Quota Information

Harmonized System (HS) Code: 4-core single-mode fiber optic cables typically fall under HS 8544. 70, which covers "Insulated (including enamelled or anodized) wire, cable (including coaxial cable) and other insulated electric conductors, optical fiber cables" used for telecommunications and data transmission. Quota Application: Import quotas for fiber optic cables vary by country and are often set to regulate the volume of high-tech telecommunications equipment.

Some countries may require licensing or pre-approval for importing optical fiber cables, especially for single-mode types used in backbone networks or FTTH/GPON deployments. Quotas may also depend on cable core count, with 4-core cables considered medium-scale and often included in general optical fiber cable quotas rather than high-capacity multi-core categories.

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Technical Context

A 4-core single-mode fiber optic cable consists of four individual optical fibers, each capable of transmitting data independently over long distances (>100 km) with minimal attenuation. These cables are commonly used for: FTTH (Fiber to the Home) connectionsGPON (Gigabit Passive Optical Networks)Medium-scale backbone or campus networks The single-mode design ensures high-quality long-distance transmission, while the 4-core configuration provides redundancy and scalability without the complexity of higher-core-count cables.

Practical Considerations

When importing, check the national customs tariff schedule to confirm the exact HS code and any applicable quotas. Ensure compliance with international standards such as ITU-T G. 652.

D for single-mode fiber performance. Some countries may require certifications or testing reports to meet quality and safety standards before import. In summary, 4-core single-mode fiber optic cables are generally classified under HS 8544.

70, and any quota or import restriction will depend on the specific regulations of the importing country, often linked to telecommunications infrastructure control and safety standards.

Article Content

Single Mode Fiber Optic Cables |

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4 core single mode fiber optic cable

Discover 4 core single mode fiber optic cable for reliable fiber-optic communication. Ideal for indoor/outdoor use with CE certification.

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Use the FastQuote filters to find the exact cable specifications you need. Need a bespoke solution? Learn more about customised cables.

4 Core Optical Fiber Cable

Our 4 Core FTTH Single Mode Optical Fiber Cables are designed to meet the specific needs of telecom operators and ISPs. They provide high-performance

4 Core Single Mode Fiber Optic Cable

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With models having various core counts, they offer a wide range of applications. Length tolerance is ±5% and can be cut to the desired length according to instant

4 core singlemode fiber optic cable

Find high-quality 4 core singlemode fiber optic cables for various applications. Durable, reliable, and efficient for communications and data transfer.

4 Core Fiber Optic Cable Price List with OWIRE Solutions

For instance, single-mode 4 core cables, which use OS2 fiber and support long-distance transmission up to 100 kilometers, generally cost more

i-Net Networks 2000m 4-Core Singlemode Fiber Optic Cable, G652.D

i-Net Networks 2000m 4-Core Singlemode Fiber Optic Cable, G652.D 9/125 Buy Online with Best Price. Express delivery Globally.

TMT 4 Core FTTH Fiber Optic Cable Single Mode Indoor/Outdoor

4 core ftth cable fiber optic Single mode outdoor g657a1/a2 TMT GLOBAL provides high-strength optical fiber cables for use in various industrial, indoor, and outdoor applications.

24 Core Single Mode Fiber Optic Cable Multi-Tube

HES 24 Core Multiple Tube Steel Armored Fiber Optic Cable, SM 9/125µ Single Mode. Provides high performance and reliable data transmission.

8 Core OM2 Multi-Mode Fiber Optic Cable

HES 8 Core Single Tube Steel Armored Fiber Optic Cable, OM2 50/125µ MultiMode. Ideal for high data traffic and large-scale projects.

OS1, OS2 vs OM1-OM5 Fiber Cables: Differences, Speeds, and

1. Introduction: The Fiber Optic Divide Fiber optic cables are categorized by how they transmit light: Single-mode (OS1/OS2): Guides light in a single, straight path through a tiny 9µm

24 Core OM4 Multi-Mode Fiber Optic Cable Single Tube

HES 24 Core Single Tube Steel Armored Fiber Optic Cable, OM4 50/125µ MultiMode. Offers ideal and reliable solutions for large network applications.

i-Net Networks 2000m 4-Core Singlemode Fiber Optic Cable, G652.D

i-Net Networks 2000m 4-Core Singlemode Fiber Optic Cable, G652.D 9/125 Steel Armored Single Loose Tube LSZH (GYXTW) | RASLL-09-04 model RASLL-09-04 Ethernet Cables

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Fiber Optic Cable Types: Single-Mode, Multimode, and

Discover fiber optic cable types, including single-mode (OS1, OS2) and multimode (OM1, OM2, OM3, OM4, OM5), indoor/outdoor variants, and how

G.652D / G.657A2 Bare Optical Fiber | Wholesale | AIMIFIBER

G.652D / G.657A2 Bare Optical Fiber Spool (Single-Mode) – 25.2 km / 50.4 km Raw Material AIMIFIBER supplies carrier-grade bare optical fiber for cable manufacturing, sensing, and laboratory

StarTech 10m (32.8ft) LC to LC (UPC) OS2 Single Mode Duplex Fiber Optic ...

OS2 LC to LC Single Mode Duplex Fiber Optic Patch cable facilitates connectivity across 100G networks. It supports Coarse Wavelength Division Multiplexing (CWDM) across an extended

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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