

Which quota applies to 4-core single-mode fiber optic cables



AI Overview

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 .

Technical Context

A 4-core single-mode fiber optic cable consists of four individual optical fibers, each...

Article Content

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The Ultimate Guide to Fiber Optic Cables – Types, Standards, and ...

Discover how to choose the right fiber optic cables for your network. Learn about fiber types, cable constructions,

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Question about fiber optic cables and the number of cores

While looking for suitable single mode fiber optic cables for my project, I came across fiber optic cables with 4-cores/8-cores/12

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A Guide to Choosing the Right SM and MM Fiber Optic

Although single-mode fiber (SM) and multimode fiber (MM) cable types are widely used in

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How Many Cores Do You Need in Your Fiber Optic Cable?

One key factor is the number of cores, which impacts how much data you can transmit. This post will guide you

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Recommendation ITU-T G Suppl. 47 (03/2025)

General aspects of optical fibres and cables Summary Supplement 47 to ITU-T G-series Recommendations provides information on

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Fiber-optic communication

An optical fiber patching cabinet. The yellow cables are single-mode fibers; the orange and blue cables are multi-mode fibers:

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Single Mode vs Multimode Fiber Cable: Guide to Fiber Optic Cable

Single Mode vs Multimode Fiber Cable: Compare core size, bandwidth, distance, cost, and best use cases to help you

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Fiber Optic Cable Buying Guide

Fiber Optic Cable Buying Guide Understand how to choose fiber optic cable by comparing single-mode vs.

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4-Core Single mode Fiber Optic Cable

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

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Single Mode Fiber Optic Cables |

These custom-manufactured fiber cables are designed to withstand challenging environmental conditions and can be equipped with

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Multimode Fiber Types: OM1 vs OM2 vs OM3 vs OM4 vs OM5

How Many Types of Multimode Fiber? Identified by ISO 11801 standard, multimode fiber optic cables can be classified

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Recommendation ITU-T G.652 (08/2024)

This document outlines the specifications for a single-mode optical fiber and cable designed for use around the 1310 nm zero

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Fiber Optic Cable Types Explained: Choosing the Right Fiber Cable

Explore different types of fiber optic cables, from single mode to armored and LC uniboot options. Learn how to

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How to Choose the Suitable Number of Fiber Cores for Your Network

Learn how to choose the suitable number of fiber cores for your network, ensuring optimal performance and future scalability.

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4-Core Single mode Fiber Optic Cable

Fiber optic 4-core round drop cable consists of four parts, PE plastic cover, multi-strand aramid yarn, PBT loose tube with jelly

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OM1, OM2, OM3, OM4, OM5 and OS1, OS2 Fiber

In ANSI/TIA-568.3-D, the TIA adopted the nomenclature for fiber found in the international standard ISO/IEC 11801.

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How Many Core In Fiber Optic Cable Do I Need

When selecting fiber, the first step is to determine single mode or multimode, and the second step is to determine the

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Types of Fiber Optic Cables: Complete Classification

Single-mode fiber optic cable is the best choice for long-distance networking. It features a

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SINGLE-MODE OPTICAL FIBER IN LOOSE TUBE AND RIBBON

This ultra-low-loss single-mode fiber for long haul terrestrial applications utilized in optical fiber cable shall meet ITU

Sep 10, 2025

Single-mode optical fiber

In fiber optics, a quadruply clad fiber is a single-mode optical fiber that has four claddings. Each cladding has a refractive index

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Fiber Optic Cables: Speed, Standards, and More

This article explores the differences in fiber optic cables and examines their use in fiber optic cable

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Singlemode vs Multimode Fiber Optic Cable

We breakdown the differences between single mode and multimode fiber optic cable, covering aspects like physical

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Fiber Optic Cable Types: Single Mode vs. Multi-mode Fiber Cable

The primary distinction between single mode and multi-mode fiber optic cable is the fiber core diameter, wavelength &

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Key Specifications of Single-Mode Fiber Optic Cables

Single-mode fiber optic cables are widely used for long-distance, high-bandwidth optical communication.

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4 Core Singlemode Armored Fiber Optic Cable Per Meter

4 Core Singlemode Fiber Optic Cable locates in the centre of core as metallic strength member, tubes (fillers) are stranded around

Jun 21, 2026

The Ultimate Guide to 4 Core Optical Cable: Specs, Color Codes, and ...

This guide covers everything you need to know about 4 core fiber, including its internal structure, TIA standard color

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What are the key specifications of... | AIMIFIBER

What are the characteristics of single mode fiber optic cable? I often meet project managers who ask about single

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The Fiber Optic Association

More FOA Standard FOA-2: Testing Loss of Fiber Optic Cables, Single Ended, (Insertion Loss, TIA FOTP-171, OFSTP-7,, ISO/IEC

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