

Tariff Costs Single-mode Optical Electro-optical Hybrid Cable



AI Overview

Single-mode optical/electro-optical hybrid cables are generally classified under HS codes 85447000 or 90011090, which determine applicable import tariffs depending on the country.

HS Code Classification

- HS Code 85447000:** Covers optical fiber cables, including hybrid cables that integrate optical fibers with electrical conductors for power delivery or signaling.
- HS Code 90011090:** Applies to optical fibers, bundles, and cables not individually sheathed, which may include certain single-mode hybrid cables.

The correct HS code is essential for calculating customs duties, VAT, and other import fees, which vary by country and trade agreements.

Tariff Considerations

Tariff rates for these cables depend on the importing country's customs schedule. For example, some countries may apply 0-5% duty for optical fiber cables, while others may have higher rates for hybrid or composite cables. Additional costs may include import VAT, handling fees, and compliance with local standards.

ITU-T L.109.1 provides the technical standard for Type II optical/electrical hybrid cables, ensuring compliance for international trade and reducing the risk of customs delays.

Supplier Pricing

Suppliers such as Fiberinthebox offer single-mode hybrid fiber cables with pricing per meter, which decreases with bulk orders. Mouser Electronics provides single-mode fiber optic cable assemblies with inventory and datasheets, useful for estimating procurement costs. Prices vary based on fiber count, cable type (OFNR Riser rated, composite), and length, which should be factored into total landed cost including tariffs.

Practical Advice

Confirm the HS code with your local customs authority to ensure accurate tariff calculation. Check ITU-T standards for compliance, especially if the cable will be used in regulated telecommunications or power delivery applications. Compare supplier pricing and c...

Article Content

HS Code 8544

The HS Code 8544 is the global standard for classifying insulated wires, cables, and fibre optics used in electrical and communication systems. It

HS Code for Fiber Optic Cable

Find comprehensive Fiber Optic Cable - Optical Fiber Cable HS codes for international trade and customs classification with tariff codes for import-export compliance

International Customs Tariffs — US, EU & UK Duty Rates

Why Compare Tariffs Across Three Markets? Importers and exporters trading between the US, EU, and UK currently need to search three separate government portals — USITC, TARIC, and UK Trade

Hybrid Cables | multifunctional combination of cable

Instead of handling different individual cables, our hybrid cables enable multifunctional combinations of different types of cables under a common sheath.

China to impose tariffs on some types of US single-mode optical fibre ...

China will impose tariffs of up to 78.2% on certain U.S. optical fibre imports from September 4, the commerce ministry said in a statement a few minutes before midnight on

ActiFi Composite Fiber Optic Cable | Hybrid Powered

ActiFi® Fiber Cable Achieve ultimate flexibility by bringing together the future-ready bandwidth capabilities of single-mode optical fiber and the powering capabilities

Hybrid Cable: A Comprehensive Overview

Hybrid cables are widely used in surveillance systems, base stations, and other large-scale network deployments. The construction of a

ITU-T L.109.1 (11/2022) Type II optical/electrical hybrid cables for ...

The system consists of the power supply unit, optical/electrical hybrid cable, optical/electrical hybrid adapter, and the optical/electrical hybrid connector. These can transmit optical signals and electrical

Performance evaluation of various hybrid modulation

The optical modulated signal is then transmitted through a single-mode fibre and at the receiver end, the signal is first amplified and then fed to the

4 Single-Mode Fibre Optic + Power Hybrid Cable

Eurocable's 4 Single-Mode Fibre Optic + Power Hybrid Cable delivers exceptional performance for professional broadcast and live event applications where signal

Major Recommendations: Optical

These standards provide attributes and values for optical fibres and cables which are needed to support: Network applications such as those recommended in Recommendation ITU-T G.957 up to 2.5 Gbit/s

HS Codes | optical cable | Harmonised Code | Harmonize Tariff Code

Visit us online to get the various hs codes and commodity description.

HS Codes for Ethernet, Fiber Optic, and Network Cables

Discover the HS codes for Ethernet, fiber optic, and other network cables. Ensure smooth imports and exports with accurate customs classifications.

Slimline Hybrid Cables

Designed for Passive Optical LAN, video camera, wireless access points, and other remote powered applications that utilize a centralized power supply to power end terminals (ONTs). Two copper

HS Code 90011090

- Single-mode optical fibre cables (telecommunication) - Multi-mode optical fibre bundles (data transmission) - Armoured optical fibre cables (outdoor use) -

Optical current transducers for electrical power systems ...

Electric and magnetic fields can be measured optically, either directly via Pockels and Faraday effect or indirectly via Piezo effect. In high voltage applications fiber-optic sensors are especially attractive for

Your Guide to Cable HS Code Classification and Leads

Think about a hybrid cable that has both copper conductors for power and optical fibres for data. The crucial question here is: what gives the cable its

ITU-T L.109.1 (11/2022) Type II optical/electrical hybrid cables for ...

Type II optical/electrical hybrid cables for access points and other terminal equipment
Summary Recommendation ITU-T L.109.1 explains the type II optical/electrical hybrid cable (OEHC) in which a

Customs Ruling NY N342021

In your letter dated August 13, 2024, you requested a tariff classification ruling on behalf of your client, Revolution Wind, LLC. The merchandise under consideration is described as a Submarine Inter

HS Code 90011090

Optical fibres, optical fibre bundles and cables (excl. made up of individually sheathed fibres of heading 8544 and image conductor cables) Can be used for an export declaration.

HS Code 85447000

Optical fibre cables made up of individually sheathed fibres, whether or not containing electric conductors or fitted with connectors. Can be used for an export declaration.

Harmonized Tariff Schedule

The Harmonized Tariff Schedule of the United States (HTS) sets out the tariff rates and statistical categories for all merchandise imported into the United States.

Fiber Optic Cable Pricing Guide: Factors That Affect

Fiber optic cables are essential components in today's broadband, FTTx, and data center networks. Whether you're planning a national fiber rollout

Ocean observation system design of mooring buoy and

Abstract We designed a hybrid system named Mooring Buoys Observation System with Benthic Electro-optical-mechanical Cable (MBOSBC)

Power-over-Fiber with Simultaneous Transmission of

Efficient simultaneous transmission of light with a power of more than 2 W at a wavelength of 976 nm and an optical carrier for transmitting a high

Optical Hybrid Cables: A Comprehensive Guide

This guide provides an in-depth exploration of optical hybrid cables, detailing their construction, technical standards, and the myriad advantages they

Heading 8544

Insulated (including enamelled or anodised) wire, cable (including coaxial cable) and other insulated electric conductors, whether or not fitted with connectors; optical fibre cables, made up of individually

Optic Fibre: Local companies spar over plan to impose anti-dumping

Some Indian optic fibre cable manufacturers, such as HFCL, and industry body Telecom Equipment and Services Export Promotion Council (TEPC) said anti-dumping duty on the single

Fiber Optic Cable Types – Multimode and Single Mode

Fiber Optic Cable Types – Multimode and Single Mode Application Fiber Optic connectors and cables are present in nearly

Contact Us

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