

High-altitude optical cable quota item



AI Overview

High-altitude or specialized fiber optic cables, including HEMP-protected or aerospace-grade optical cables, are generally classified under HTSUS 8517.62.0050, with a general duty rate of Free. Overview High-altitude optical cables are specialized fiber optic cables designed for extreme environments, such as aerospace applications or military networks requiring HEMP (High-Altitude Electromagnetic Pulse) protection. These cables are engineered to maintain signal integrity, high bandwidth, and reliability under conditions of electromagnetic interference, low temperatures, and high altitudes. They are often used in survivable communications networks, such as the Colorado Springs network connecting Cheyenne Mountain Air Force Station, Peterson AFB, and Schriever AFB, where path diversity, site dispersal, and nuclear effects hardness are critical. Customs and Tariff Classification For import and quota purposes, high-altitude optical cables, particularly Active Optical Cable (AOC) assemblies, are classified under the Harmonized Tariff Schedule of the United States (HTSUS) subheading 8517.62.0050. This classification covers: Fiber optic cables with transceivers on each end that convert electrical signals to optical signals and back. Assemblies designed for telecommunication and data communication applications, including high-performance computing and network clusters. Cables typically ranging from 2 to 100 meters in length, supporting high-speed transmissions up to 10 Gbps per channel. The general rate of duty for this HTSUS item is Free, meaning no import tariff is applied under standard conditions. Importers should provide the customs ruling number with entry documents to ensure proper classification. Key Considerations Specialized Applications: High-altitude optical cables may include HEMP protection or aerospace-grade specifications, which do not change the HTSUS classification but may require compliance with military or aerospace standards. Documentation: Importers should reference the customs ruling (e.g., NY...

Article Content

Fibre Optic Cable

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

High Quality Automatic High-Altitude Cable Attachment

High Quality Automatic High-Altitude Cable Attachment Machine, Find Details and Price about Automatic Intelligent Cable Tying Machine New Generation Optical

HS Code 85447000: Optical Fiber Cables Made Up of Individually

The quantity unit for optical fiber cables made up of individually sheathed fibers is measured in fiber meters (FBM). This unit helps in determining the length or quantity of the cables being imported or

eCFR :: 22 CFR Part 121 -

(7) Goggles, spectacles, visors, vision blocks, canopies, or filters for optical sights or viewers, employing other than common broadband absorptive dyes or UV inhibitors as a means of protection (e.g.,

Optical Fibre Cable Technical Specification

Optical fibre cables supplied in compliance with this specifications is capable to withstand the typical service condition for a period of twenty-five (25) years without detriment to the operation

A Fault Location Analysis of Optical Fiber Communication Links in High ...

The method here has achieved significant results in practical fiber optic cable engineering in high-altitude areas, as well as in terms of accuracy improvement.

Steelpipe High Altitude Electromagnetic Pulse (HEMP) Protected

Service required provides continuous, uninterrupted High Altitude Electronic Pulse (HEMP) protected service on diversely routed HEMP hardened fiber optic paths at each location with

Quota Bulletins

Quota information is issued for the trade community by the Quota and Agriculture Branch within the Office of Trade. The Quota Bulletins have replaced the previous Quota Book Transmittals.

List of RDSO Approved Vendor S& T Dte.

Important information for using the vendor list: a) The names of approved manufacturers have been put in succession under each item. Placement of orders on approved supplier shall be done by Railway

Altitude Impact on Electrical Equipment | CLOU GLOBAL

Discover the impact of altitude on electrical equipment, including potential failures, to ensure reliable performance in high-altitude environments.

OPGW Cable Supplier | Optical Ground Wire for Power

OPGW is a composite cable containing both optical fibers and ground wire conductors. It is installed at the top of overhead power lines to shield against

What quota should be applied to data optical cables

Handbook Optical fibres, cables and systems Costs of fiber optic data transmission? QUOTA (Tariff quotas and ceilings) Fiber Optic Cables: Advantages, Disadvantages, and Fiber Broadband

CLS-AOCH/60F High-Speed HDMI Optic Hybrid Cable

CLS-AOCH/60F is an innovative active optical HDMI cable for 4K signals up to 90 meters (295ft). CLS-AOCH/60F cables are thinner, lighter, and more flexible

Overhead Conductor Efficiency at Different Altitudes

At high altitudes, another consideration is the mechanical stress placed on the overhead conductors. The weight of the conductor and the tension

Optical fiber cable

ZTT ADSS (All Dielectric Self-Supporting) and ribbon optical cable in communication has been listed in the National Torch Plan and been regarded as national new product.

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.

HIGH ALTITUDE ELECTROMAGNETIC PULSE PROTECTED

13.21 Maintenance: To assure high quality service, the contractor shall perform preventive and corrective maintenance to meet the reliability and maintainability requirements of the system as

Harsh Environment Fiber Optic Cable Solutions for

Explore how to select the right fiber optic cable for challenging environments including high temperatures, extreme cold, salt spray, humidity,

Table of Cost Standards for High-Altitude Optical Cable Construction

The main cost drivers FOA Standard For Installing Fiber Optic Cable Plants This standard describes procedures for installing and testing cabling networks that use fiber optic cables and related

Optical Satellite Downlinks to Optical Ground Stations and High ...

Optical Satellite Downlinks to Optical Ground Stations and High-Altitude Platforms Dr. Dirk Giggenbach, Bernhard Eppe, Joachim Horwath, Florian Moll

PDF document

PDF document PDF document Read this PDF document online, download the original file, and browse related details on device.report. Additional coding instructions can be found in the Article File chapter

Why Are Observatories Built on Mountain Tops? The

Mountaintop observatories play a crucial role in astronomical research for several compelling reasons. Their high-altitude locations provide

Table of Cost Standards for High-Altitude Optical Cable Construction

This standard describes procedures for installing and testing cabling networks that use fiber optic cables and related components to carry signals for communications, security, control and similar purposes.

High Altitude Line Automatic Cable Tying Machine Easy

Safe payments: We do not share your personal details with any third parties without your consent.

Sky-High Prices Contribute to Rising Fiber Optic Cable Costs

Input costs for fiber optic cable are adding upward pressure on fiber optic cable prices at a time when demand for fiber technology is high and expected to continue growing. High fiber optic cable prices

Aerospace Fiber Optic Cable Assemblies

High altitude optical fiber and specialized components are available to provide reliable light weight solutions tailored for UAV applications.

High Altitude Automatic Cable Tie Machine

High Altitude Automatic Cable Tie Machine for Optical Cable Binding. Jiujiu Fiber Optic Cable Strapping Machine offers automatic, handheld, and customizable.| Alibaba

Optic disc edema after high-altitude exposure

ODE occurs in high altitude for mountaineers sometimes. ODE is related to peripheral oxygen saturation and symptoms of acute mountain sickness. 1 However, a study reports that ODE

HEMP Protected Fiber Optic Cable System (HC101318C0004)

Lumen Technologies Government Solutions was awarded Definitive Contract HC101318C0004 (HC1013-18-C-0004) for HEMP Protected Fiber Optic Cable System worth up to \$5,086,200 by

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.introspec.co.za>

Email: info@introspec.co.za

Phone: +27 73 849 2156

Address: 25 Riebeek Street, Cape Town, 8001, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

