What tax category do optical modules belong to



Overview

Optical modules HS Code for Export & Import Search HS Code Optical modules for import and export at Seair.co.in. Get Optical modules trade data with shipme.

Key Takeaways

Optical modules are classified under specific HS/HSN codes, with GST rates ranging from 5% to 18% depending on the type and use of the product.

HS Codes for Optical Modules

Optical modules and related fiber optic products are classified under the Harmonized System (HS) for international trade.

Common H

S codes include: 8517. 62 (HTS 8517. 62.

0090 for the U. S.) – Fiber optic transceivers used for reception, conversion, and transmission of data. 8517.

70 (HTS 8517. 70. 0000) – Optical sub-assemblies such as TOSA (Transmitter Optical Sub-Assembly) and ROSA (Receiver Optical Sub-Assembly),.

8544. 70 (HTS 8544. 70.

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0000) – Sheathed fiber optic cables. These codes are used globally to determine customs duties, facilitate smooth import/export processes, and ensure accurate tariff application. The final classification may vary depending on the customs authority in each country.

HSN Codes and GST Rates in India

Under GS

T 2. 0 reforms (effective September 22, 2025), optical modules fall under HSN Chapter 90, which covers optical, medical, and precision instruments.

The GS

T rates for optical products are: 0% GST – Exempt items, typically life-saving medical devices. 5% GST – Essential optical goods, including contact lenses and spectacle lenses. 18% GST – Standard rate for other optical equipment, including most optical modules and fiber optic components.

40% GST – Luxury or non-essential optical items (rarely applicable to standard optical modules). This simplified 4-rate structure replaced the previous 12% slab, ensuring easier compliance and clearer categorization for businesses in the optical sector. Practical ImplicationsImporters/exporters must identify the correct HS code to calculate duties accurately and avoid customs delays.

GS

T compliance requires using the appropriate HSN code to determine the correct tax rate for invoicing and input tax credit claims. Subcategories like transceivers, sub-assemblies, and cables may have different rates, so precise classification is essential for cost management and regulatory compliance. By using the correct HS/HSN codes and understanding the applicable GST rates, businesses can ensure smooth customs clearance, accurate taxation, and optimized supply chain operations.

Article Content

Optical modules HS Code for Export & Import

Search HS Code Optical modules for import and export at Seair . Get Optical modules trade data with shipment details, exporters, importers, and customs info.

HS Codes | Optical module | Harmonised Code | Harmonize Tariff Code

Optical module HS-codes is specialize in providing harmonized tariff numbers and commodity codes. Visit us online to get the various hs codes and commodity description.

Optical Module HSN Code used for Export Import

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HSN Code is a hierarchical system of product Classification, you can explore the hierarchy below of HSN code 85176290, the most popular HSN codes used for Optical Module.

HS Code for Assembled Optical Components | FreightAmigo

HS codes for assembled optical components are essential for 2025 tariff compliance in international trade. These components, like mounted lenses, laser kits, and LED modules, primarily

HS Code "optical module" Search results (101)

Optical microscopes (excl. for photomicrography, cinephotomicrography or microprojection, stereoscopic microscopes, binocular microscopes for ophthalmology and instruments, appliances and machines of

HS Code for Optical communication equipment | FreightAmigo

HS codes for optical communication equipment ensure smooth international shipments and accurate duties. These codes classify fiber optics, transceivers, and lasers under Chapter 85.

Optical Module Imports Under Sub Chapter 8536

Information and reports on Optical Module Imports Under Sub Chapter 8536 along with detailed shipment data, import price, export price, monthly trends, major exporting countries countries, major

Optical Components HSN Code used for Export Import

Choice of HSN codes for Optical Components decides the Import Duty, GST Rate, Duty Drawback and other Export benefits.

Optical Transceivers Are “Parts” Under Tariff Item 8517 ...

CAAR Delhi held that SFP and similar transceiver modules are integral parts of network equipment, not standalone machines, and thus qualify for classification under 8517 79 90 with nil

Understanding Optical Modules: Working Principles, Structures, and ...

Explore the working principles, structures, and performance metrics of optical modules, essential components of optical fiber communication systems. Learn about key indicators such as

How many listed companies are there that manufacture optical module ...

How Many Public Companies Produce Optical Module Chips? The question “how many public companies produce optical module chips” cannot be answered with a single fixed number,

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Optical module – A comprehensive exploration

The optical module is one of the core devices of the optical communication system, and its development has a vital impact on its related industrial chain. So, what is an optical module? How

Understanding Optical Modules: A Comprehensive Guide

Optical Module Basics: Understanding the Core ConceptsOptical modules are compact devices that convert electrical signals into optical signals and vice versa. They are used in fiber optic

Optical Module Industry_Baiduwiki

An Optical module is an optoelectronic device that performs optical-to-electrical and electrical-to-optical conversion. The Optical Module Industry refers to the industry engaged in the manufacturing and

What Is An Optical Module?

An optical module converts electrical signals to light for fast, reliable data transfer in networks, essential for cloud computing, telecom, and data centers.

Comprehensive Guide to Optical Transceiver Classifications and

Introduction Optical modules are critical components in fiber optic communications, enabling the conversion between electrical and optical signals. They are widely used in data centers,

Trump Tariffs Impact on Optical Transceiver Market

The tariffs imposed duties on various categories of optical modules, severely impacting companies that sourced from or manufactured in China. Since China had become the dominant

Deep Dive: Optical Module Market

Powering next-gen connectivity: How optical modules enable fast, reliable data transfer, and What are the opportunities for investors?

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