

Tariff Costs Optical Receiver SFP



Article Overview

SFP modules are classified under HS Code 851762, with U.S. import tariffs typically ranging from 10% to over 100% depending on the country of origin.

HS Code Classification

Active optical devices like SFP transceivers are classified under HS Code 851762, which falls under Chapter 85 for electrical machinery and equipment. This code covers compact, hot-pluggable optical modules used to convert electrical signals into optical signals and vice versa, supporting data rates from 100 Mbps up to 25 Gbps or more, depending on the model. U.S. Customs rulings confirm that these devices perform the functions of receiving, converting, and transmitting data, making them subject to subheading 8517.62.0090, HTSUS.

Tariff Rates

- General U.S. Tariff: A universal 10% tariff applies to most imports, including certain SFP modules.
- China-Origin Products: Transceivers and fiber cables from China may face tariffs exceeding 100%, significantly increasing import costs.
- Other Sources: SFP modules sourced from countries not subject to high tariffs (e.g., S2 products) generally incur only the standard 10% duty.

Cost Implications

The total cost of importing SFP modules includes:...

Article Content

Oct 02, 2025

Optical Transceiver Pricing: Cost Ranges by Speed and Type

See practical price ranges for 1G–100G optical transceivers, DAC/AOC options, and why cost varies by speed, reach and technology

Jun 12, 2026

How to Reduce Optical Module Costs | SFP & QSFP Cost

However, when it comes to optical transceivers, cutting costs blindly can lead to compatibility issues, link failures, and

May 11, 2026

Sfp Fiber Module Imports Under Sub Chapter 8517

Information and reports on Sfp Fiber Module Imports Under Sub Chapter 8517 along with detailed shipment data, import price, export

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Small Form-factor Pluggable Optical Transceiver classifiable under

Background and Facts: IBM India Private Limited (the appellant) imported various types of Small Form-factor Pluggable

Apr 04, 2026

Buy Transceivers – SFP, SFP+, and QSFP Modules

SFP/SFP module/transceiver/QSFP/OSFP We offer high-quality, compact SFP modules and transceivers in a variety of versions.

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Customs and Trade Newsletter

SFP optical transceivers are classifiable under CTH 8517 70 902 In this case, the importer imported various models of small form

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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

Sep 03, 2025

SFP Fibre Optic Transmitters, Receivers, Transceivers

SFP Fibre Optic Transmitters, Receivers, Transceivers are available at Mouser Electronics. Mouser offers inventory, pricing, &

Aug 23, 2025

SFP Module Prices Comparison by Top 5 SFP Manufacturers 2023

This post hence illustrates the SFP module price comparison by researching top competitors' SFP price of our brand.

Oct 12, 2025

QSFP-DD Price Guide 2026: 400G/800G Costs & TCO Analysis

QSFP-DD price guide with 400G/800G module costs, OEM vs third-party comparison, volume discounts, and 3-year

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Search results for: SFP Fiber Optic Transmitters, Receivers ...

SFP Fiber Optic Transmitters, Receivers, Transceivers Products (8,798) Images
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Optical Transceiver Modules Prices & Specifications

What is Optical Transceiver Modules/SFP? Optical Transceiver Modules/SFP, also called fiber optic transceiver or optical

Oct 19, 2025

SFP Transceivers Explained

SFP stands for “small form-factor pluggable” and transceiver means a device that can both transmit and receive data.

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Optical Module Working Principle | SFP Transceiver Technical Guide ...

To grasp how an SFP optical module operates, it's first essential to understand its internal architecture. As illustrated

Dec 16, 2025

CROSS Ruling

In your letter dated December 4, 2018, you requested a tariff classification ruling. The merchandise concerned is

Mar 20, 2026

Classification of SFP Transceivers in Customs Ruling

Classification of Small Form Factor Pluggable Transceivers under Customs Tariff, along with duty eligibility under

Oct 14, 2025

US Tariffs Impact on Fiber Optic Components Market

Explore the impact of US tariffs on the fiber optic components market, highlighting increased production costs, supply chain

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Customs Ruling NY N336394

In your letter dated November 7, 2023, you requested a tariff classification ruling. The merchandise under

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New Reciprocal Tariffs and Their Impact on the Optical Industry

What the New Tariffs Mean for the Industry The reciprocal tariffs will increase costs for importers bringing goods into the United

Apr 28, 2026

10G SFP+ Optical Module Costs And Technology

ETU-Link 10G SFP+ module excel in compatibility. Its optical modules are compatible with mainstream global network

Jul 15, 2026

U.S. Imports

With combined tariffs now exceeding 100% on China-origin transceivers and fiber cables, we can no longer

Sep 01, 2025

Customs Ruling NY N336394

This item is a single mode transceiver in a small form-factor pluggable (SFP) module for serial optical data communications with an

May 01, 2026

Optical Transceiver Module Imports Under Sub Chapter 8517

Information and reports on Optical Transceiver Module Imports Under Sub Chapter 8517 along with detailed shipment data, import

Oct 08, 2025

SFP Fiber Optics – Mouser

SFP Fiber Optics are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for SFP Fiber Optics.

Jul 26, 2026

SFP Optical Transceiver | SFP Optical Module | Perle

Perle SFP Optical Transceivers are hot-swappable, compact media connectors that provide instant fiber connectivity for your

Oct 21, 2025

Trump Tariffs Impact on Optical Transceiver Market

The far-reaching impact of Trump-era tariffs on the optical transceiver market, including supply chain disruptions,

Nov 09, 2025

QSFP28 Price Guide 2026: 100G Transceiver Costs & TCO

Real QSFP28 pricing for 2026: SR4, LR4, CWDM4, and single-lambda costs. Compare OEM vs third-party, volume

Nov 25, 2025

Trade Tariff: look up commodity codes, duty and VAT rates

Search for import and export commodity codes and for tax, duty and licences that apply to your goods.

Nov 07, 2025

SFP Module Price

Find competitive sfp module prices for various optical transceivers. Our range includes 1.25G, 10G, and 25G modules

Feb 04, 2026

10G SFP Price Guide: How Much Does a 10G SFP Module Cost

Learn the latest 10G SFP price ranges, key cost factors, brand comparisons, and how to buy reliable 10G SFP modules at the best

Mar 26, 2026

Optical Transceiver Manufacturers Reroute Strategies Amid U.S.

Manufacturers began prioritizing the development and export of more advanced, higher-margin transceivers (like

Sep 28, 2025

Sfp Transceiver Exports Under Sub Chapter 8517

Information and reports on Sfp Transceiver Exports Under Sub Chapter 8517 along with detailed shipment data, import price, export

Dec 04, 2025

SFP Module Price: Strategic Cost Analysis and TCO Factors

Compare SFP module prices, OEM vs third-party costs, and total cost of ownership (TCO). Learn what drives SFP pricing and how

Feb 08, 2026

Trump Tariffs Impact on Optical Transceiver Market

This article delves into the complex and far-reaching effects of the Trump-era tariffs on the global optical transceiver

Apr 20, 2026

How to Use SFP Optical Transceivers: A Comprehensive Guide

Cost-Effectiveness: The demand for 5G SFP modules is projected to surpass that of 4G, with a significant need for

Contact Us

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