

Article Overview

SFP transceivers used in telecom-grade routers are classified under Customs Tariff Item 8517 6290 with a basic customs duty of 20%, and optical SFPs are generally excluded from concessional duty benefits.

Classification of SFP Transceivers

SFP (Small Form-Factor Pluggable) transceivers are hot-pluggable modules used in routers, switches, and media converters to convert electrical signals to optical signals and vice versa, enabling data transmission over fiber optic or copper cables . They are considered optical transport equipment when used in optical networks, and their primary function is the reception, conversion, and transmission of data .

- o Optical SFPs: Convert electrical signals to light and back, used in fiber optic networks. These are classified under CTI 8517 6290 and are not eligible for concessional duty under Notification No. 57/2017-Cus .

- o Electrical SFPs: Operate with copper cables and may not fall under the same exclusions, but still generally follow the same tariff classification for customs purposes .

Duty Rates and Legal Precedents

- o The basic customs duty (BCD) for SFP transceivers is 20% under CTI 8517 6290 .

- o Indian rulings, including Reliance Jio Infocomm Ltd. v/s Commissioner of Customs-Mumbai, and CAAR rulings for Cisco and Nokia, confirm this classification .

- o U.S. CROSS rulings (e.g., N301401, N301457) also classify SFP transceivers under subheading 851762, supporting global consistency in classification .

Implications for Telecom-Grade Routers

When importing telecom-grade routers with SFP slots, the SFP modules themselves must be declared separately under CTI 8517 6290. The router chassis may have a different classification depending on its integrated functions, but the SFP modules are treated as network interface transceivers.

- o Media converters or SFP adapters that allow fiber-to-Ethernet conversion are also considered part of the SFP ecosystem and follow similar classification rules .

- o POE injectors or other auxiliary devices are classified separately, as they provide power and data over Ethernet but do not perform optical-electrical conversion .

Practical Guidance for Customs Declaration

- o Declare SFP transceivers under CTI 8517 6290 with BCD 20%.

Customs Declaration Telecom Grade Router SFP

- o Specify optical vs. electrical type to determine eligibility for any concessional notifications.
- o Include manufacturer details and HSN codes on invoices to align with rulings and avoid disputes.
- o Separate declaration for media converters or POE devices if imported alongside routers. By following these guidelines, importers can ensure compliance with customs regulations and avoid misclassification penalties while importing telecom-grade routers and SFP modules .

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The merchandise concerned is referred to as non-coded and non-programmed optical transceivers (part # PRE-SFP

Simplified Declaration Process release to Customs Warehousing Show Where goods are imported using SDP into

The case pertains to the classification of transceiver modules (Small Form-Factor Pluggable (SFP), QSFP, CFP, etc.)

This handbook provides technical guidance for traders and businesses on the use of the Simplified Customs

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

Failure to make these payments on time can result in penalties. In summary, CFSP simplifies customs procedures for eligible

Bu s?hif?d? s?xsi, t?skilat, bank hesablari, gömrük anbarlari, portalda s?lahiyy?tl?riniz haqqinda m?lumatlar ala bil?rsiniz.

Judicial forums including the Supreme Court have recently ruled in favour of telecom companies classifying SFP as

Nokia's appeal was allowed, granting classification under CTH 8517 7990. SFP transceivers will now be eligible for

These devices are hot-pluggable adapters that slide into an SFP slot on a business switch or router to allow single-mode or multi

Customs Declaration Telecom Grade Router SFP

The Directorate of Revenue Intelligence (DRI) and the Customs are at loggerheads with telecom companies, this time

It provides detailed information on EU import procedures, including topics such as registering as an economic operator and the

If a temporary storage declaration has been made for the goods, the simplified frontier declaration must be made within

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