

Guatemalan imported optical receiver 200G



Overview

Guatemala Import Tariff Rates 2026 | CalcMyTariffThe average effective tariff rate on imports from Guatemala is currently 10%. This rate combines multiple.

Key Takeaways

200G optical receivers imported into Guatemala are high-speed transceivers designed for data centers, telecom networks, and 5G infrastructure, typically available in QSFP56 and QSFP-DD form factors with PAM4 modulation and transmission distances from 100 meters to 10 kilometers.

Overview and Specifications

200G optical receivers are part of high-speed optical transceiver modules that convert optical signals into electrical signals for network devices. They are commonly used in data centers, cloud networks, and 5G backhaul applications, supporting Ethernet standards such as IEEE 802.3cd . Key features include:

- Form Factors: QSFP56, QSFP-DD, compatible with existing 100G infrastructure for smooth migration .
- Modulation Technology: PAM4 for high bandwidth efficiency and low power consumption .
- Optical Variants: SR4 (short-range), DR4, FR4, LR4 (long-range), supporting distances from 100 meters (multimode fiber) to 10 kilometers (single-mode fiber) .

- Applications: Intra-data-center connections, metro networks, and long-haul telecom links .

Manufacturing and Import Details

Most 200G optical receivers imported into Guatemala are manufactured in China, with raw materials sourced globally. The production process includes:

- PCBA Assembly: Surface mount technology for control circuitry, including microcontrollers, DSPs, and thermoelectric cooler controllers.
- Optical Sub-Assembly (OSA): Transmit Optical Sub-Assembly (TOSA) and Receiver Optical Sub-Assembly (ROSA) for laser and photodiode integration.
- Module Assembly and Testing: Components are combined into a housing, thermally cycled, and exported for programming, firmware installation, and final packaging . Some suppliers, such as Carritech Optics, provide OEM-compatible 200G transceivers from European warehouses with lifetime warranty, which may simplify import and support in Guatemala .

Suppliers and Sourcing Options

- GIGALIGHT: Offers 200G QSFP56 and QSFP-DD modules, including coherent optical transceivers for long-haul and data center interconnection .
 - Gearlink Technology: Provides 200G QSFP56 modules with low power consumption, high compatibility, and customization options .
 - Carritech Optics: Stocks 200G transceivers from UK and Spanish warehouses, suitable for hyperscale and 5G networks, with multilingual support for procurement .
- Considerations for Guatemala

When importing 200G optical receivers into Guatemala, consider:

- Customs and Tariffs: Verify import duties and compliance with Guatemalan regulations.
- Compatibility: Ensure the transceiver form factor and optical variant match existing network equipment.
- Warranty and Support: Choose suppliers offering international warranty and technical support.
- Deployment Needs: Select SR4, DR4, FR4, or LR4 based on required transmission distance and fiber type. These 200G optical receivers provide high-speed, scalable, and future-proof connectivity for enterprises, telecom operators, and data centers in Guatemala, enabling efficient network upgrades and 5G readiness.

Article Content

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Includes import documentation and other requirements for both the U.S. exporter and foreign importer.

Global 200G Optical Module Market Size, Growth Analysis, Trends ...

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Access List of 9,877 Importers & Buyers in Guatemala

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200G Modules

The optical amplifier module developed by GIGALIGHT is designed for long-distance transmission systems in digital optical fiber

CFP2-DCO-200G-D Data Sheet | FS

CFP2-DCO-200G-D family operates as either an Ethernet/OTN transceiver/transponder or an Muxceiver/Muxponder aggregates up

Source Photonics Announce the Product Availability of its 200G per

Source Photonics began production shipments of 100G single lambda PAM4 based 100G/400G transceivers when 400G industry

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Unveiling the secrets of 200G/400G optical transceivers

By tuning the Tx and the Rx parameters of 200G and 400G PAM4-based transceivers, the eye-opening can be enhanced and finally

Madagascar Optical Receiver 200G

This portfolio includes SR4 100m, FR4 2km, LR4 10km etc. 200G-FR4-Open Eye modules comply with the requirements of this

Guatemalan Model 1910 Bolt Action Rifle by Mauser Oberndorf

The receiver is clearly marked "WAFFENFABRIK / MAUSER A-G / OBERNDORF A/N", the model designation and serial number

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Non-Tariff Barriers to Trade Imports in Guatemala are significantly affected by non-tariff barriers, which include: 1)

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Broadex Technologies" high performance and cost effective 200G Optical Transceiver Modules are built utilizing our innovative COB

200G/100G CFP2 Digital Coherent Optics Transceiver

200G/100G CFP2 Digital Coherent Optics Transceiver, C-band tunable, Multi-rate, OpenROADM, 0°C to

Guatemala: An Emerging Opportunity for the Optical Frame Industry

Growing Imports Signal Market Potential In 2023, Guatemala imported approximately \$3.1 million worth of plastic

Siluxtek has collaborated closely with GlobalFoundries to jointly ...

By joining hands to advance the mass production of 200G/Lane receiver chips, we will further improve the high-speed optical

Siluxtek and GlobalFoundries Forge a Deep Strategic Partnership to

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200G-SR4 Open Eye

50G per lane MMF Open Eye modules comply with the requirements of this document and have the following common

Optical fibres and cables in Guatemala Trade

The map displays import tariffs applied to Optical fibres and cables imported by Guatemala from various countries of origin during

First Demonstration of Pre-Amplified 200G Self-Coherent PON

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200G Optical Module Market Research Report 2034

The 200G Optical Module market was valued at \$2.6 billion in 2025 and is projected to reach \$5.73 billion by 2034, growing at 9.2%

Guatemalan Customs: Regulations, Export-Import Procedures by

Guatemala Customs regulations and procedures for importing and exporting goods at Guatemalan border. Duty free items, import

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Analysis and Experiments on C band 200G Coherent PON

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Resources & Downloads Literature High Speed Optical Receiver and Detector Brochure(3.8 MB, PDF) Technical Notes Types of

Analysis and experiments on C band 200G coherent PON based

Abstract: Passive optical network (PON) based on coherent detection has attracted a great deal of attention in recent years as a

Direct Sales Optical Receiver 200G

Boost network performance with 200G optical transceivers. Designed for data centers, 5G, and cloud infrastructure, our QSFP56

Lucia's Imports Hand Made Fair Trade from Guatemala

At Lucia's Imports, we offer thoughtfully designed, handcrafted goods made by Guatemalan artisans. As a fair trade business, we

HUAWEI 200G ICR Integrated Coherent Receiver DP-DQPSK 8-QAM

HUAWEI 200G ICR Integrated Coherent Receiver DP-DQPSK 8-QAM C Band 34030134 leopticsuk (3) Seller's other

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Source Photonics' latest 1.6T product series includes DR8, 2xFR4 optical modules and DAC/ACC copper cables, and the 800G

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

