

Dutch tariff costs 800G optical module 400G

Article Overview

The base cost of 800G optical modules ranges from \$700 to \$1,900, and 400G modules from \$600 to \$800, with Dutch import duties, VAT, and other fees adding to the total landed cost.

Optical Module Price Ranges

o 800G Modules:

- o OSFP-DR8: \$1,100-\$1,400 (volume pricing for 1000+ units)
- o QSFP-DD-DR8: \$1,000-\$1,300
- o OSFP-FR4 (longer reach): \$1,500-\$1,900
- o LPO (Linear Pluggable Optics, lower cost): \$700-\$900

o 400G Modules:

- o QSFP-DD: \$600-\$800 Price variations depend on vendor tier, volume discounts, technology maturity, and customization such as special wavelengths or temperature ranges .

Dutch Import Costs

When importing these modules into the Netherlands, the following charges apply :

o Import Duty:

- o Determined by the HS code of the optical module. U.S. exports are subject to the EU Common External Tariff (CET). Duty rates vary by product classification and can be looked up in the Dutch Customs Tariff (DTV) database.

o Value-Added Tax (VAT):

- o Standard VAT in the Netherlands is 21%, applied to the sum of the product cost, shipping, insurance, and import duty.

o Excise and Consumption Taxes:

- o Generally not applicable to optical modules, as these taxes are levied on products like alcohol, tobacco, and petroleum.

o Additional Costs:

- o Customs clearance fees, brokerage, and handling charges may apply depending on the logistics provider.

Example Calculation (Approximate)

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Assuming an 800G QSFP-DD-DR8 module costing \$1,200, shipped from the U.S. with \$50 shipping and negligible insurance:

- o Import Duty: 2% (example rate, actual rate depends on HS code) -> $\$1,200 \times 0.02 = \24
- o VAT: 21% on $(1,200 + 50 + 24)$ -> $\$1,274 \times 0.21 = \267
- o Total Landed Cost: $\$1,200 + \$24 + \$267 + \50 shipping = \$1,541 For 400G modules, the same calculation applies with the base price of \$600-\$800.

Recommendations

- o Check the exact HS code for your optical modules in the Dutch Customs Tariff (DTV) database to determine precise duty rates .
- o Consider volume discounts if ordering in bulk, as this can reduce the per-unit cost by 10-30% .
- o Include VAT and shipping in your budget to avoid unexpected costs at customs .
- o Use a customs broker or online calculator to get an accurate landed cost estimate for your shipment . By combining module acquisition costs with Dutch import duties and VAT, you can accurately plan the total cost of importing 400G and 800G optical modules into the Netherlands.

Our Netherlands import duty calculator uses AI-powered HS code classification to determine the exact tariff rate for your product and

In contrast, the 800G tends to use 5nm DSP and traditional hybrid packaging. Additionally, the current power

This guide delivers clear, accurate pricing data. It breaks down the current costs for 400G and 800G modules,

The U.S. government's 2025 tariff adjustments have triggered a seismic shift in the global optical module market, with

Optical Transceiver 3. Acceleration of In-House Optical Module Design Opportunity: Vertical integration for better

Complete guide to 800G optical module costs and TCO optimization for AI data centers. Includes pricing analysis,

With the rapid advancement of AI, HPC, and cloud computing, the demand for high-speed optical modules such as

In the Tariff (DTV) database, you can find import duty tariffs and (overviews of) other schemes that apply to

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import and

Includes information on average tariff rates and types that U.S. firms should be aware of when exporting to the market.

800G Transceiver acts as a vital photoelectric conversion node for data transmission, enabling efficient and reliable

This paper describes the technical route of optical communication from 400G to 800G to 1.6T optical modules and

This article provides a strategic and technology-focused roadmap for the evolution of optical modules from 400G to

Gebruikstarief is een compleet web-based tariefsysteem voor de douane-administratie overheden in de landen van de Europese

Unsure which 400G module fits your data center? Compare QSFP-DD, OSFP, and QSFP112 with expert insights for

Calculate accurate Netherlands Tariff and compliance costs instantly using official government tariff schedules. Know exactly what

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

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