

Luxembourg CIF Price 1G Fiber Optic Transceiver Module

Article Overview

CIF pricing for 1G fiber optic transceivers in Luxembourg depends on module type, vendor, and shipping, typically ranging from EUR30 to EUR100 per unit for standard SFP modules.

Module Types and Specifications

1G SFP transceiver modules are compact, hot-pluggable devices that convert electrical signals into optical signals for fiber optic networks. The main types include:

- o 1000BASE-SX (Short Wavelength): Designed for multimode fiber, supporting distances up to 550 meters, ideal for intra-building or campus connections .
- o 1000BASE-LX (Long Wavelength): Suitable for single-mode or multimode fiber, supporting distances up to 10 km, commonly used for inter-building or campus-wide links .
- o 1000BASE-TX (Copper RJ45 Interface): Provides gigabit connectivity over Cat5 twisted-pair cables, supporting distances up to 100 meters . These modules are compatible with major networking brands such as Cisco, Huawei, Juniper, Arista, HPE Aruba, and others, ensuring interoperability across diverse infrastructures . They are designed for plug-and-play installation and support hot-swapping, minimizing network downtime .

Factors Affecting CIF Price

The CIF (Cost, Insurance, and Freight) price includes the product cost, shipping, and insurance to Luxembourg. Key factors influencing the price include:

- o Module type and wavelength: LX modules for long-distance transmission are generally more expensive than SX modules.
- o Vendor and brand: Premium brands like Finisar, Lumentum, or Intel may command higher prices due to reliability and warranty.
- o Order quantity: Bulk purchases often reduce per-unit CIF cost.
- o Shipping and insurance: Costs vary depending on carrier, delivery speed, and insurance coverage.

Procurement Options

- o Online distributors: DigiKey, Mouser, and Fibermarkt offer a wide selection of 1G SFP modules with datasheets and inventory information .
- o Specialized vendors: STORDIS provides Finisar 1G LX universal SFP transceivers with long-range capabilities up to 10 km .
- o Compatibility check: Ensure the module matches your existing network equipment to avoid interoperability

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issues.

Recommendation

For budgeting purposes, expect CIF prices for standard 1G SFP modules in Luxembourg to range approximately EUR30-EUR100 per unit, with LX modules at the higher end due to longer transmission distance and universal compatibility . For precise pricing, contact distributors directly with your shipping and insurance requirements.

Optcore offers a vast selection of SFP transceivers at affordable pricing. Therefore, If you are looking for high-performance options

Description Finisar 1G SFP Transceiver Module not only delivers high-performance data transmission over a distance of up to 10km,

With options from 1G up to 1.6T, they are widely applied in AI computing, data centers, enterprise networks but can also be used in

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Uncover the key differences between 1G LX and SX modules, aiding you in making the right choice for your network



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1G SFP optical transceiver modules for multi-mode and single-mode in distances ranging from 300 meters up to 80km with a limited

A 1G optical module is a specialized fiber optic transceiver designed to facilitate high-speed data transmission in

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