How much does a Nordic SFP optical module LPO cost



Overview

SFP Module Price: Strategic Cost Analysis and TCO FactorsCompare SFP module prices, OEM vs third-party costs, and total cost of ownership (TCO). Learn what.

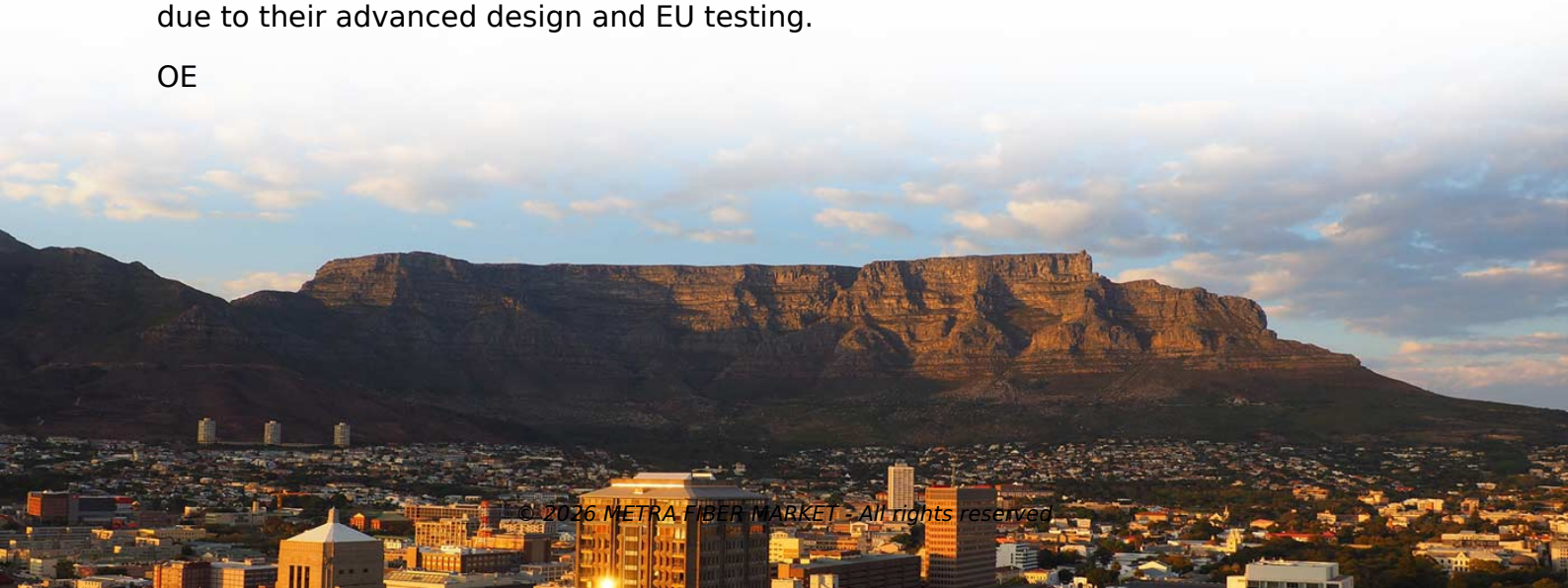
Key Takeaways

The cost of a Nordic SFP LPO module typically ranges from several hundred to over a thousand US dollars, depending on specifications and vendor.

Price Range and Factors

Linear Pluggable Optics (LPO) modules, like those offered by Nordic or similar vendors, are high-performance optical transceivers designed for 400G/800G data rates, low power consumption, and low latency. Unlike standard SFPs, LPO modules replace the DSP with linear analog components, which makes them more specialized and generally more expensive than conventional SFP or SFP+ modules. Typical cost range: While standard 1G–25G SFP modules can cost anywhere from $5 to $900 depending on speed and OEM vs. third-party sourcing, LPO modules for high-speed applications are usually priced in the several hundred to over $1,000 range per unit due to their advanced design and EU testing.

OE



© 2026 METRA FIBER MARKET - All rights reserved

M vs. third-party: OEM-branded modules often carry a premium for warranty and guaranteed compatibility, whereas third-party or compatible modules may offer 30–90% cost savings. Volume and procurement: Prices can vary significantly based on order quantity, delivery location, and vendor logistics. Many vendors, including Nordic, require a quote request to provide exact pricing.

How to Purchase

To obtain an accurate price for a Nordic SFP LPO module: Request a quote directly from the vendor or authorized distributor, specifying the required data rate, wavelength, and host compatibility. Compare third-party suppliers if cost reduction is a priority, but ensure EU testing and interoperability certifications are met. Consider total cost of ownership, including power efficiency, thermal management, and warranty coverage, which are key advantages of LPO modules over standard DSP-based optics.

In summary, while exact pricing for a Nordic SFP LPO module is not publicly listed, you can expect several hundred to over a thousand dollars per module, with the final cost depending on specifications, vendor, and order volume. Requesting a formal quote from Nordic or an authorized distributor is the most reliable way to obtain a precise price.

Article Content

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 to choose the best value.

Optical Transceiver Pricing: Cost Ranges by Speed and Type

Low-cost listings for 25G SR SFP28 modules can be under $30 for volume purchases, while branded transceivers from major OEMs or specialized single-mode 25G parts can cost several hundred

SFP Module Types, SFP Transceiver Price List

FS SFP module solutions range from Fast Ethernet to Gigabit Ethernet speeds. fibre and copper SFP transceivers can be selected in connector type, fibre type and protocols to meet your requirements.

Amazon : Sfp Module

Upgrade your network infrastructure with versatile SFP modules. Discover options for 1G, 10G, and fiber optic standards to meet your connectivity needs.

Linear Pluggable Optics (LPO) Europe | EU-Tested 400G/800G Modules

© 2026 METRA FIBER MARKET - All rights reserved

How is LPO different from DSP-based optics? LPO removes the DSP from the module, letting the host ASIC handle signal processing – resulting in lower power, lower latency, and simpler thermal design.

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

This guide is designed to solve those problems. Instead of focusing on specifications alone, it breaks down real 10G SFP price ranges, explains which factors genuinely affect cost, and shows how to

SFP Module Price Comparison by Top 5 SFP Manufacturers

This post hence illustrates the SFP module price comparison by researching top competitors'' SFP price of our brand. The author hopes it can help customers to get quick access

Why is There Such a Huge Variability in SFP+ Module Prices?

Component quality, compatibility, performance specifications, brand reputation, etc. both are reasons making SFP+ module prices vary widely. Being aware of these factors can help you

Buy Transceivers – SFP, SFP+, and QSFP Modules

The SFP module (Small Form-Factor Pluggable or Mini GBIC (Gigabit Interface Converter)) is an optical transceiver module that is primarily used for data communication applications and in the

Optical Transceiver Modules Prices & Specifications

Optical Transceiver Modules/SFP, also called fiber optic transceiver or optical transceiver, is a typically hot-pluggable device used in high-bandwidth data

LPO vs. CPO: Which Data Center Optical Interconnect Will Be the

This article will introduce CPO and LPO two next-generation data center interconnections, these two silicon photonics modules have good performance in terms of energy consumption and

Introducing Linear Pluggable Optics (LPO)

Linear Pluggable Optics (LPO) are a new optical transceiver technology. The idea is simple: instead of a DSP (digital signal processor) inside the module – replacing it with

Juniper 800G Optical Transceivers and Cables Guide

Unlike traditional fully retimed optical modules, LPO transceivers depend on the host to handle retiming and signal conditioning. By omitting the DSP, LPO achieves lower power

© 2026 METRA FIBER MARKET - All rights reserved

Optical Interconnect Technology Analysis: LPO, NPO, CPO

Exploring optical interconnects for AI data centers: LPO for low-power, short-distance links, NPO for high-density, near-package connections, and CPO for ultra-high-bandwidth co

Understanding LPO Transceivers in Modern Data Centers

LPO transceivers cut power use, lower latency, and boost reliability in data centers, making them ideal for high-speed, energy-efficient optical links.

LPO MSA Announces Release of Specification for Linear Pluggable Optical ...

LPO MSA Specification Update Building upon other industry standards such as IEEE 802.3 and OIF, the LPO MSA specification includes component, module, and system-level

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 — buying tips included.

What is LPO Optical Transceiver Module?

In essence, the primary distinction between LPO and conventional optical modules lies in their utilization of Linear-drive technology. The so-called “linear drive” means that the LPO adopts

Contact Us

Continue your research online:

Website: https://metramarket.es
Technical inquiry: https://metramarket.es/contact.html

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

© 2026 METRA FIBER MARKET - All rights reserved