Relay Protection QSFP Optical Module LPO Price Quotation



Overview

QSFP-DD Price Guide 2026: 400G/800G Costs & TCO AnalysisThis guide delivers clear, accurate pricing data. It breaks down the current costs for 400G and 800.

Key Takeaways

QSFP-DD Linear Pluggable Optical (LPO) modules typically range from $1,400 to over $130,000 depending on type, reach, and vendor, with third-party modules offering cost-effective options for relay protection and data center applications. Overview of QSFP-DD LPO ModulesQSFP-DD LPO transceivers are designed for low-latency, high-bandwidth optical links, supporting PCIe Gen 5. 0 and scalable server disaggregation.

They are ideal for rack-to-rack interconnects, AI/ML workloads, and relay protection systems where fast, reliable optical communication is critical (Amphenol). Key features include: 8-channel full-duplex operationReach up to 50 metersPower consumption under 5WHot-pluggable form factorPricing ConsiderationsThe cost of QSFP-DD LPO modules varies widely based on module type, transmission distance, and vendor: Short-reach SR8 modules for in-rack connections: approximately $1,400–$1,800 from reputable third-party vendors. Long-haul coherent ZR+ modules for data center interconnects: can exceed $130,000 from OEMs.

Intermediate DR4 and FR4 modules bridge data center rows or campus links, with prices typically between the SR8 and ZR+ ranges. Third-party vendors like AscentOptics offer LPO modules optimized for minimal power, cost, and latency, providing a cost-effective alternative to OEM products.

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Procurement Tips

Define your reach and bandwidth requirements: Short-reach modules are significantly cheaper than long-haul coherent optics. Consider third-party modules: They often provide substantial savings without compromising performance. Check volume discounts: Many vendors offer tiered pricing for bulk purchases.

Verify compatibility: Ensure the module supports your relay protection or data center equipment. For a precise quotation, it is recommended to contact vendors directly such as Amphenol, AscentOptics, or FS.com, providing your required module type, reach, and quantity to receive an official price quote.

Article Content

QSFP-DD Price Guide 2026: 400G/800G Costs & TCO Analysis

This guide delivers clear, accurate pricing data. It breaks down the current costs for 400G and 800G modules, provides an objective comparison between OEM and third-party products,

QSFP-DD Linear Pluggable Optics (LPO)

Amphenol''s QSFP-DD Linear Pluggable Optical (LPO) Transceiver delivers low-latency, high-bandwidth PCIe ® Gen 5.0 over optical link, enabling

200G/400G/800G Optical Transceiver Modules | FiberMall

200G/400G/800G optical module features up to 40km transmission distances using QSFP56/QSFP-DD footprints for data center interconnect applications - FiberMall

800G OSFP/QSFP-DD | Transceiver Modules

The 800G transceiver modules are ideal choice for AI data centers, enterprise networks and service provider networks. Click to get your 800G transceiver

40G QSFP+ Transceiver Modules | Optical

FS 40G QSFP+ optical transceiver module solutions offer a full range of QSFP+ modules from 150m to 80km reach, and used for high-density switching, routing

800G OSFP Optical Transceiver Modules

Explore QSFPTEK 800G OSFP optics price lists and datasheets. The 800G optics provide ultra low latency, low power, and high reliability optical interconnect core components for data centers, AI

QSFP-100G Price

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800G LPO QSFP-DD800 DR Optical Transceiver

FiberMall LQSFP-DD-800G-DR8D is a large-capacity optical module with high efficiency, and low power consumption, and is suitable for high-speed network

Cisco QSFP-100G-LR4-S= 100GBASE LR4 10km QSFP Transceiver Price

Cisco QSFP-100G-LR4-S= Overview The Cisco QSFP-100G-LR4-S= is a high-performance optical module tailored for enterprise-level and data center networks. Designed to provide seamless 100G

Optical Transceiver Modules, HUAWEI Cisco SFP SFP+ QSFP Module Price

Get Optical Transceiver Modules at Best Price, Cisco and HUAWEI SFP Module, 10G SFP+ Module, 25G SFP Module, 40g QSFP Module, 100G Module, 400G Module, SFP Cable, DAC Cable, AOC

QSFP28 Optical Transceiver Modules for Sale (100G) | Cables on

QSFP28 Optical Transceiver Modules (100G-SR/LR) Buy 100G QSFP28 Optical Transceiver Modules by Amphenol XGIGA Factory-Direct at Cables on Demand in 100GBASE-SR4 (Short-Range

LPO OSFP 8x100G DR Optical Transceiver Module | FiberMall

LOSFP-800G-DR8D 800G LPO OSFP DR8 PAM4 1310nm 500m DOM Dual MTP/MPO-12 SMF Optical Transceiver Module SKU:19383 $ 1,800.00 Compatible FiberMall

Linear Drive Pluggable Optics

Eoptolink offers a full portfolio of LPO optics for OSFP, OSFP-RHS, QSFP-DD and QSFP112 transceivers. At ECOC 2023, Eoptolink will be conducting an interop demo to highlight

Photonics Advanced Cpo/Lpo Housing for 1.6t 800g Modules

Photonics Advanced Cpo/Lpo Housing for 1.6t 800g Modules, Find Details and Price about Osfp 800g Optical Module Case from Photonics Advanced Cpo/Lpo Housing for 1.6t 800g Modules - Dongguan

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.

Linear-drive Pluggable Optics: A Game-Changing Technology in

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To reduce power consumption and cost while meeting the demands of high-speed, high-density optical communication connections, as well as the need for optical network flexibility and

What are linear pluggable optics?

Learn how linear pluggable optics (LPOs) reduce power use, cost and latency by eliminating the DSP and enabling efficient AI, ML and GPU intra-data-center links.

800G Optical Transceiver Overview: QSFP-DD and OSFP Packages

This article provides an overview of 800G optical transceivers, focusing on the QSFP-DD and OSFP packages. Explore the features, differences of these high-speed transceiver form factors

Contact Us

Continue your research online:

Website: https://fdsoluciones.es
Technical inquiry: https://fdsoluciones.es/project-enquiry.html

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

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