

Price list for OSFPS FP optical modules for data center interconnection

Article Overview

OSFP optical modules for DCI typically range from \$1,400 for short-reach 400G modules to over \$130,000 for long-haul coherent ZR+ modules, depending on speed, reach, and vendor.

Pricing Overview

400G OSFP Modules:

- Short-reach SR8 modules for in-rack or cross-row connections are priced between \$1,400 and \$1,800 from reputable third-party vendors, making them the most cost-effective option for standard data center interconnects .
 - DR4 and FR4 modules, suitable for row-to-row or campus links, are moderately priced, with third-party competition driving costs down over recent years .
 - LR4 modules for longer distances can exceed \$10,000 from OEMs, while third-party alternatives may offer significant savings .
- #### 800G OSFP Modules:
- Pricing is still stabilizing due to a relatively consolidated market. Buyers can expect to pay roughly 60-70% of OEM list prices for proven third-party 800G transceivers .
 - OEM modules are preferred for critical workloads due to firmware and DOM compatibility considerations .
- #### Long-Haul Coherent Modules (ZR/ZR+):
- Coherent ZR and ZR+ modules, used for wide-area DCI, are the most expensive, with OEM prices exceeding \$130,000 per module .
 - Third-party alternatives can reduce costs dramatically while maintaining performance for less critical deployments .
- #### Emerging 1.6T OSFP Modules:...

Article Content

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Data Center Optical Transceiver Market Size, Share, Trends

The data center optical transceiver market is served by a mix of vertically integrated photonics companies, specialized module

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Price list for 1.6T optical line terminal for data center interconnection

Based on current market offerings and key performance indicators, several 1.6T OSFP modules stand out for B2B procurement. 6T

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SFP vs QSFP: Key Differences Explained

SFP vs QSFP module differences explained. Learn about compatibility, speeds, and use cases for network setups.

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1.6T OSFP-XD: Next-Gen Data Center Optical Module

The 1.6T OSFP-XD DR8 optical module features low power consumption, high density, and

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Cisco Optics Modules | Price, Compatibility & Availability

Cisco Optics Modules provide pluggable connectivity for campus uplinks, data center fabrics, router ports, firewall links, service

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Optical Transceivers

1.6T, 800G, and 400G optical transceivers for AI and hyperscale data centers, plus CPO/NPO optics and

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OSFP Transceivers: High-Density Optical Connectivity from 400G to

The following analysis dives into the technology behind OSFP optics, performance evolution across speed classes,

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800Gb/s OSFP Transceivers | Optical Interconnect | Amphenol

Amphenol's 800G OSFP optical modules include 2xDR4 (plus), 2xFR4 (plus), 2xLR4, AOC, and AOC breakout series,

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OSFP Transceivers Modules Types Prices & Technical Specifications

Overview: OSFP (Octal Small Form Factor Pluggable) Transceivers are the next-generation optical modules designed to deliver 400

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Optical interconnection solutions for 10G SFP+ and 40G QSFP+ optical ...

The interconnection between data center network elements and equipment mostly uses multi-mode fiber. Although

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Price List for Low-Loss Optical Modules for Data Center Interconnection It includes historical shipment data and forecasts for units,

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Explore guide to 800G optical transceivers—compare OSFP vs. QSFP-DD, key specs, deployment best practices, and future trends

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Price list for SFP optical transmitters for data center interconnection

800Gbps data center interconnection employing silicon photonics For the first time, we have experimentally demonstrated an all

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The Ultimate Guide to SFP Modules (2026): Types, Speeds

What is an SFP? SFP (Small Form-factor Pluggable) is a compact, hot-pluggable network interface module used to connect network

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Top Vendors For 10G Sfp+ Modules — Enterprise & Data Center

Overview / Why it matters: Wolon Fiber (Wolon Communication / WolonTek) is positioned as a vertically integrated Chinese

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The Evolution of Optical Modules: Powering the Future

Data centers, the beating hearts of this digital revolution, are tasked with processing and

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Transceiver Modules for Data Center Interconnect (DCI)

With support for FR4 (2km), LR4 (10km), ER4 (40km), and ZR4 (80km) applications, our DCI portfolio

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SFP Module Prices Comparison by Top 5 SFP

This post offers quick access to the SFP module price list by researching top vendors. SFP

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400G OSFP Optical Transceiver Modules | AscentOptics

AscentOptics provides a comprehensive 400G OSFP optical transceiver portfolio, such as OSFP SR8, OSFP DR4, OSFP DR4+,

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Optical Module Manufacturer & Supplier | Fibertop

These solutions feature low power consumption, ultra-low latency, and seamless compatibility with mainstream brand devices,

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Small Form Factor Pluggable (SFP) Modules: Guide

Discover Small Form Factor Pluggable (SFP) modules, their types, uses in data centers

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800G OSFP Optical Transceiver Modules

Arista Networks Compatible 800GBASE-DR8 (2x 400G DR4) Twin-port OSFP IHS/Closed Finned Top PAM4 1310nm 100m Dual

Nov 15, 2025

50/25/10/1G Transceiver Modules | Optical Transceivers

FS provides 50/25/10/1G transceivers modules in SFP/SFP28/SFP56/QSFP28 form factor, supporting transmission distances from

Jul 17, 2026

800G Optical Modules Explained: Standards, Types & Use Cases

Discover everything about 800G optical modules—standards, packaging, types & applications. Learn how they power

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Transceivers in data center interconnect

In 2022, the demand for cloud services will explode, and the capacity, cost of data center interconnection will become

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Top Optical Modules for POTN Deployment: SFP, QSFP, and OSFP

Modern optical transport networks are the nervous system of digital infrastructure. As data demand continues to

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Recent advances in optical technologies for data centers: a review

Modern data centers increasingly rely on interconnects for delivering critical communications connectivity among numerous servers,

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Understanding OSFP Modules: Your Guide to High-Speed Optical ...

Discover how OSFP modules provide high-speed optical connectivity for data center applications. Learn about the

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400G and 800G OSFP transceivers | Smartoptics

Smartoptics offers a selection of 400G and 800G OSFP transceivers designed for high-performance optical

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SFP Module Price

Find competitive sfp module prices for various optical transceivers. Our range includes 1.25G, 10G, and 25G modules

Contact Us

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