

# QSFP-DD optical switch genuine product



## Overview

Amphenol's QSFP-DD Linear Pluggable Optical (LPO) Transceiver delivers low-latency, high-bandwidth PCIe<sup>®</sup> Gen 5.0 over optical link, enabling scalable server disaggregation and efficient rack-to-rack interconnects ideal for AI/ML and rack-scale data center expansion. Cisco QSFP-DD and OSFP 800G ZR/ZR+ digital coherent optics modules enable 800G traffic over amplified Dense Wavelength-Division Multiplexing (DWDM) links up to 120 km for 800ZR and over 1000 km for 800G ZR+. With compliance to OIF MSA standards and multi-vendor interoperability, the module allows interoperability and rapid deployment with other standard-compliant. The MQD-F2F2C is a cost-effective module with high performance, which is optimized for Datacenter, supporting data-rate of  $4 \times 53.5625$  GBd PAM4 Electrical interface. Its transmission distance is up to 100m on OM4/OM5 MMF.



## Article Content

Nov 25, 2025

### Cisco 400G Digital Coherent Optics QSFP-DD Optical

Cisco now offers a range of all new 400G Digital Coherent QSFP-DD transceivers. Cisco already offers a range of Digital Coherent CFP2 transceivers

Mar 30, 2026

### MikroTik · DDQ+85MP01D

QSFP-DD optical module for reliable 400G fiber connections, perfect for distances beyond DAC reach, up to 100 meters! The module includes built-in digital

Jun 01, 2026

### QSFP-DD Compatible Switches: Complete 2025 Vendor Guide

Find which switches support QSFP-DD modules. Our 2025 guide covers Cisco, Arista, Juniper and NVIDIA platforms with backward compatibility tips.

Dec 25, 2025

### Co-Packaged Optics 2022 -Focus Data Centers

The Optics industry awaits a difficult transformation Today's CPO industrials have formed around the merchant silicon and switch equipment vendors, which have acquired or partnered with innovative

Jun 26, 2025

### AI-Driven Predictive Maintenance for Optics: Field Guide

Master AI-driven predictive maintenance for optics. Learn how to correlate CMIS 5.0 telemetry, PAM4, and pre-FEC BER to prevent silent packet drops.

Apr 10, 2026

### OEM 800G QSFP-DD Optical Modules: Technical Overview and

OEM 800G QSFP-DD modules must be fully compatible with major switch and NIC vendors to ensure market acceptance and reduced integration risk. Many suppliers list compatibility

Mar 02, 2026

### TQSFP56-200G-LR4 200GBASE-LR4 200Gb/s QSFP56 LR4 10km SMF Optical ...

Topstar has established a mature supply chain with global brand agents and distributors, enabling us to resell genuine brand original network hardware, including SFPs, Ethernet NICs, Infiniband HCAs, FC

Jun 05, 2026

Cisco QSFP-DD Pluggable Open Line System (QDD

Learn more about the Cisco QSFP-DD Open Line System (QDD OLS), a pluggable optical amplifier module that provides a simple yet powerful open line

Mar 19, 2026

Cisco QSFP-DD and OSFP 800G ZR/ZR+ Coherent Optics Modules

Cisco QSFP-DD and OSFP 800G coherent optical modules are supported on Cisco switches and routers. For more details, refer to the Cisco Transceiver Modules Compatibility Matrix.

Feb 02, 2026

02357GCY CE8855H-SAN-40F 32\*100GE QSFP28 8\*400GE QSFP-DD

02357GCY CE8855H-SAN-40F 32\*100GE QSFP28 8\*400GE QSFP-DD 2\*AC Power Modules CloudEngine 8800 Enterprise Switch A series of high port density switches, CloudEngine 8800

May 12, 2026

QSFP-DD Optical Transceivers Unlocking Faster

QSFP-DD Optical Transceivers deliver up to 800Gbps speeds, offering high bandwidth, energy efficiency, and compatibility for modern networks

Jan 03, 2026

400G QSFP-DD Cable and Transceiver Modules Data Sheet

Product overview The FS® 400GBASE Quad Small Form-Factor Pluggable Double Density (QSFP-DD) portfolio offers customers a wide variety of super high-density transceiver modules and the flexibility

Dec 23, 2025

QSFP-DD Optical Transceivers for High-Speed Connections

QSFP-DD ports incorporate a riding heatsink that can be sized independently of the optical module, added on top of the module, or placed between modules. This flexibility enables switch and routing

Jan 20, 2026

Unlocking the Future of Connectivity: Understanding

Discover the future of connectivity with QSFP-DD transceivers. Learn how this compact, high-density interface enhances 200G/400G interconnect

Nov 23, 2025

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

Dec 21, 2025

AI Datacenter Optics Market Size and Forecasts 2032

AI Datacenter Optics Market is projected to reach XX by 2032, registering a CAGR of XX% during the forecast period.

Apr 04, 2026

Global 800G QSFP-DD Optical Module Market Report 2026-2032:

Global Leading Market Research Publisher QYResearch announces the release of its latest report "800G QSFP-DD Optical Module - Global Market Share and Ranking, Overall Sales and Demand

Apr 26, 2026

TE Connectivity

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

Nov 09, 2025

10 ARISTA XVR-10223-21 QSFP-100G-FR 100GBASE-FR 1310nm

Find many great new & used options and get the best deals for 10 ARISTA XVR-10223-21 QSFP-100G-FR 100GBASE-FR 1310nm QSFP28 Transceiver at the best online prices at eBay! Free shipping for

Feb 28, 2026

All About QSFP Cables, Connectors, and More

Production plans are in place for 800G OSFP and QSFP DD cable assemblies, giving Amphenol an advantage over the competition when it comes

Mar 13, 2026

QSFP-DD Product Family » Acacia

Quad Small Form-factor Pluggable Double Density (QSFP-DD) solution that fits into high-density switch and router client ports for optical interconnect links

Aug 30, 2025

400G QSFP-DD SR4 -Genuine optics 400G series

400G QSFP-DD SR4 The MQD-F2F2C is a cost-effective module with high performance, which is optimized for Datacenter, supporting data-rate of 4 ×

Jun 01, 2026

QSFP-DD DCO 400G DWDM Tunable Coherent

Digital optical monitoring (DOM) support is also present to allow access to real-time operating parameters. Using C-FEC and 16QAM modulation, the module

Jul 14, 2025

Arista OSFP-400G-DR4 400G DR4 QSFP-DD PAM4 1310nm 500m New

Product Overview of Arista OSFP-400G-DR4 Optical Transceiver The Arista OSFP-400G-DR4 400G DR4 QSFP-DD PAM4 1310nm 500m DOM MTP/MPO-12 APC SMF Optical Transceiver is a high

Jun 23, 2026

800G QSFP-DD ZR Pro-Genuine optics coherent series

800G QSFP-DD ZR Pro Transceiver is a high performance, high output power, cost effective pluggable DCO module compatible with various switches and routers for

Nov 22, 2025

QSFP-DD TRANSCEIVERS for 400G and 800G

Smartoptics QSFP-DD transceivers provide cost-efficient 400G and 800G optical networking. QSFP-DD (Quad Small Form-Factor Pluggable Double Density)

May 22, 2026

Sri Lanka Optical Transceiver Market (2025-2031) | Forecast & Trends

Sri Lanka Optical Transceiver Market Overview The Sri Lanka optical transceiver market is witnessing steady growth driven by the increasing demand for high-speed data transmission in various

Aug 06, 2025

400G QSFP-DD DR4-Genuine optics 400G series products.

400G QSFP-DD DR4 The MQD-35F2C Transceiver is a high performance, cost effective module for optical data communication applications supporting 400G Ethernet. The MQD-35F2C is designed to

## Contact Us

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