

Portugal Overseas Warehouse Coherent Optical Module QSFP-DD



Overview

The 400G QSFP-DD ZR+ is designed to 100G/200G long haul and 300G/400G Metro IP over DWDM applications without inline chromatic dispersion compensation. 400G DP-16QAM modulation format. With one VOA inside the TX optical path the output optical power has 4dB attenuation window. 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+. Consequently, FS Modify is a customized service provided by FS to meet customers' hardware and software development needs, including product compatibility and software feature development for PicOS®, AmpCon, and transceivers. Providing industry-leading limited lifetime warranty. Refunds will be received about 5. y coherent detection, and advanced electronic link equalization. Chromatic dispersion compensation can be applied to the receiving side of the demodulator. This module is managed to utilize the Two Wire Interface that is side are provided through the optical receptacles on the QSFP-DD. Coherent Optics Module Overview — QDD-400G-ZR, ZR+. The FS QSFP-DD Digital Coherent Optics (DCO) transceiver supports 400G coherent transmission for data center interconnect and metro/edge applications.



Article Content

Dec 07, 2025

What is QSFP & QSFP+ Transceiver: An Ultimate Guide

QSFP AOC: Active optical cable with QSFP+ module on both ends, mainly for medium to long reach interconnectivity. Multimode QSFP: The MMF

Jan 31, 2026

CUBIQ Technologies Unveils Quantum Key Distribution

This compact module enables quantum-safe encryption directly within the PTX Series routing platform, leveraging Coherent's high-performance 400G

Nov 08, 2025

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.

Nov 29, 2025

Cisco 400G QSFP-DD: Understanding Optical

Discover the Cisco 400G QSFP-DD optical transceiver modules, designed for high bandwidth in data centers, ensuring backward compatibility with

Feb 27, 2026

400G/300G/200G QSFP-DD Digital Coherent Optics

The emerging OIF 400ZR and Open ZR+ MSA coherent transceivers in QSFP-DD

Nov 07, 2025

Cisco 400G Digital Coherent Optics QSFP-DD Optical Modules

Cisco now offers a range of all new 400G Digital Coherent QSFP-DD transceivers. Cisco already offers a range of Digital Coherent CFP2 transceivers capable of supporting up to a 200-Gbps wavelength.

Apr 22, 2026

QSFP-DD ZR Coherent Optics: 400G Metro & Long-Haul Guide

Discover QSFP-DD ZR coherent optics for metro and long-haul networks. Compare 400ZR, ZR+, and OpenZR+ standards, reach, and ROADM compatibility.

Jul 08, 2025

400Gb/s QSFP-DD ZR+ Coherent Optical Transceiver

The 400G QSFP-DD ZR+ is a C-Band optical frequency tunable coherent optical module, combines 7nm coherent DSP ASIC functionality with best in class ultra-narrow line-width tunable

Jan 12, 2026

400G QSFP-DD ZR+ Coherent Optical Transceiver

FIBERSTAMP 400G QSFP-DD ZR+ Coherent Optical Module for Data Center 400G Ethernet and OTN OTU4 Metro Optical Transport Network links over single-mode fiber up to 120km. module operates

Jan 18, 2026

Coherent Announces General Availability of 800G

Mar. 28, 2025. Coherent announces general availability of its 800G ZR/ZR+ transceiver in QSFP-DD form factor. This launch reinforces the company's

Aug 01, 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

Jun 18, 2026

Coherent Introduces Pluggable High Dynamic Range

As optical networks shift toward pluggable modules, the QSFP eOTDR enables in-service fiber health monitoring without additional infrastructure investment. Its

Nov 12, 2025

400G QSFP-DD DCO ZR+ Coherent Optical Transceiver QSFP-DD

The electrical interfaces, including pad assignments for data, control, status and power supplies and host PCB layout requirements, of the module is fully compliant with the QSFP-DD MSA

May 06, 2026

FTL4C1QE3C

FTL4C1QE3C QSFP+ transceiver modules are designed for use in 40 Gigabit Ethernet links over single mode fiber. They are compliant with the QSFP+ MSA1,2 and IEEE 802.3ba 40GBASE-LR43.

May 01, 2026

Comprehensive Guide to 400G/800G QSFP-DD Optical

From a technological perspective, both 400G and 800G QSFP-DD modules benefit from significant advancements. Silicon photonics has played a

Oct 09, 2025

800Gbps QFSP Form Factor Transceiver Module

Mar. 21, 2024. Coherent will demonstrate its 800 Gbps coherent transceiver module in QSFP-DD form factor at OFC 2024 in San Diego March 26-28.

Oct 18, 2025

Cisco QDD-400G-ZR-S Compatible QSFP-DD DCO 400G DWDM

Using C-FEC and 16QAM modulation, the module supports 400G tunable WDM transmission per wavelength, with up to 40km unamplified and 120km amplified reach. It is intended to be used in

Dec 31, 2025

Exploring the Benefits and Applications of 800G QSFP-DD Optical Modules

The QSFP-DD 800G transceiver utilizes coherent optical communication technology and DSP chips to achieve high-speed transmission. Coherent optical communication technology plays a

Oct 24, 2025

Coherent Finisar QSFP+ FTL4C3QE2C 40G Optical

Coherent's QSFP+ optical transceiver modules are used in enterprise and datacenter networks. View price, stock and buy direct from Transceiver USA.

Feb 01, 2026

400G Digital Coherent Optics: Optech's QSFP-DD

Compliant with OIF 400ZR / OpenZR+ / QSFP-DD MSA standards, Optech's modules are designed to work across a broad range of switches,

Jan 14, 2026

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

QSFP-DD price guide with 400G/800G module costs, OEM vs third-party comparison, volume discounts, and 3-year TCO analysis for data center buyers.

Dec 27, 2025

Cisco 400G QSFP-DD High-Power (Bright) Optical Module

Product overview Cisco is now expanding the range of 400G Digital Coherent QSFP-DD transceivers, introducing High Tx Power variants (+1dBm of Tx Power). Thanks to the miniaturization of the

Feb 11, 2026

A Deeper Dive into 400G QSFP-DD Transceiver with

By 2022, 800G pluggable optical modules had already hit the market. Now, coherent modules have evolved into 400G ZR and 400G ZR+ in QSFP-DD

Apr 17, 2026

40G QSFP+ Transceiver Modules | Optical Transceivers

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

Sep 02, 2025

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

They expand Cisco routed optical networking applications to include 800G links and are compatible with Cisco and third-party 800G-capable routers,

May 03, 2026

Understanding the Coherent Transceivers

FS offers a wide range of high-speed coherent transceivers, supporting 100G, 200G, and 400G data rates to meet the diverse demands of modern

Jun 23, 2026

QSFP-DD DCO 400G DWDM Tunable Coherent

The QSFP-DD DCO transceiver provides 400GBASE-ZR throughput up to 120km using EDFA over single-mode fibre (SMF) via an LC/UPC connector. With

Mar 24, 2026

200G/400G Coherent CFP2 Transceiver Modules | Optical

FS 200G/400G Coherent CFP2 optical transceiver module solutions offer a full range of CFP2 modules 80km reach. Purchase from nearby warehouses. 30-Day Free Return. Trusted by 260K+ Enterprise

Apr 24, 2026

QSFPDD-ZR-400G Datasheet | FS

The FS QSFP-DD Digital Coherent Optics (DCO) transceiver supports 400G coherent transmission for data center interconnect and metro/edge applications.

Contact Us

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