

# Jordanian Coherent Optical Module QSFP-DD



## Overview

NADDOD introduces a new range of 400G Digital Coherent QSFP-DD transceivers with three variants: ZR (QDD-400G-ZR) for 400G 120Km DCI DWDM applications, ZR Plus (QDD-400G-ZR+) for 100G/200G long haul and 300G/400G Metro IP over DWDM, and ZR+ Pro/High Power (QDD-400G-ZRP+) is an. NADDOD introduces a new range of 400G Digital Coherent QSFP-DD transceivers with three variants: ZR (QDD-400G-ZR) for 400G 120Km DCI DWDM applications, ZR Plus (QDD-400G-ZR+) for 100G/200G long haul and 300G/400G Metro IP over DWDM, and ZR+ Pro/High Power (QDD-400G-ZRP+) is an. Quad Small Form-factor Pluggable Double Density (QSFP-DD) solution that fits into high-density switch and router client ports for optical interconnect links Powered by Greylock and Delphi DSP ASICs, and silicon photonic integrated circuits (PICs) for an optimized co-packaged design with 3D. ZR+, Standard Tx output power (-10dBm), C-band tunable, Pull tab, 0°C to 70°C, LC receptacle The emerging OIF 400ZR and Open ZR+ MSA coherent transceivers in QSFP-DD and OSFP form factors generally have low transmit output power (-10 dBm), making them incompatible with ROADM networks. Consequently. 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+. Coherent Optics Module Overview — QDD-400G-ZR, ZR+. Smartoptics QSFP-DD transceivers provide cost-efficient 400G and 800G optical networking.

## Article Content

May 01, 2026

QSFP-DD Optical Module Overview: What is the differ?

The QSFP-DD is the smallest 400G form factor optical module on the market today. It is also the optical module that offers the highest transmission

Nov 18, 2025

QSFP-DD Optical Transceivers for High-Speed

Cisco's comprehensive portfolio of QSFP-DD modules support 400G and 800G data rates across copper, multimode fiber, and single-mode fiber, and

Jan 29, 2026

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

May 27, 2026

400G Digital Coherent QSFP-DD DWDM Optics Transceivers

400G Digital Coherent QSFP-DD DWDM transceivers, ZR, ZR+ & ZR+ Pro variants, compatible with Cisco, Juniper, Nokia & Arista. Built for high-speed DCI & long-haul transmissions up to 120 km,

Mar 25, 2026

NADDOD 400G QSFP-DD Coherent Modules: A Deep

NADDOD's 400G QSFP-DD Coherent Modules provide a compact, pluggable form factor that offers open, flexible, and interoperable solutions.

Sep 19, 2025

400GBASE ZR+ QSFP-DD DWDM LC SMF SiPh Optical Transceiver Module

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.

<br></br> The 400G QSFP-DD ZR+

May 01, 2026

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

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

Apr 27, 2026

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

The 400G coherent optics modules transmit 400 Gbps over a single DWDM wavelength, enabling high-capacity links without requiring multiple fibers.

Jun 08, 2026

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

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

Jun 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.

Mar 29, 2026

#### QSPDD-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.

Mar 21, 2026

#### Eoptolink

Eoptolink - market leader in high speed optical transceivers: 800G QSFP-DD800 & OSFP, 400G QSFP56-DD, QSFP112, OSFP, 200G QSFP56 and QSFP-DD, 100G single lambda QSFP28 and

Aug 05, 2025

#### A Deeper Dive into 400G QSFP-DD Transceiver with

This paper aims to unravel the intricacies of 400G DWDM coherent pluggable optical modules, driving advancements in coherent DWDM products for

Oct 29, 2025

#### 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

Feb 23, 2026

#### QSFP-DD TRANSCEIVERS for 400G and 800G

Smartoptics 400G coherent QSFP-DD transceivers offer three rare advantages for specific use cases. These include OTN compliance with Open ROADM

Oct 25, 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

Aug 28, 2025

Coherent Optical DSPs

Coherent DSPs for pluggable modules The Marvell coherent DSP portfolio, including Orion™, Canopus™ and Deneb™ platforms, empower the optical module

Feb 23, 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

Sep 09, 2025

Coherent Optical Module: 400G QSFP-DD ZR/ZR

400G QSFP-DD ZR/ZR+ Optical Module Block Diagram of Transceiver Dimensions  
Application Scenarios Data Center Interconnection: The 400G QSFP-DD ZR/ZR+

## Contact Us

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