

Tajikistan Manufacturer s Tunable Optical Module QSFP-DD



Overview

The 400G QSFP-DD ZR+ Pro is a C-Band optical frequency tunable coherent optical module, that combines 7nm coherent DSP ASIC functionality with best-in-class ultra-narrow line-width tunable lasers, high-speed modulators and high responsively coherent receivers. QSFP-DD High-Power (Bright) DCO 400G DWDM Tunable Coherent □120km DOM Duplex LC/UPC SMF Optical Transceiver Module for FS Switches - FS. com FS United StatesFREE SHIPPING on Orders Over US\$79 Contact Us Sign in Sign up Search Recent Searches □Change FREE SHIPPING on Orders Over US\$79 United. 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+. 400G DP-16QAM modulation format. With one VOA inside the TX optical path the out output optical power has 4dB attenuation window. The transceiver is intended for use in interconnect applications between data centers with switches, routers etc. having QSFP-DD support but where the services are limited to 100Gbps. Abstract: This specification defines: the electrical and optical connectors, electrical signals and power supplies, mechanical and thermal requirements of the pluggable QSFP Double Density (QSFP-DD) module, connector and cage system.



Article Content

Mar 22, 2026

SFP Transceiver,100G QSFP28,100G CFP,10G

5G Backhaul Module For Brocade For Finisar Network Card FC Port Blade GPU
SAMSUNG Memory HDD Topstar -- Your Excellent One-stop Optical Network

Sep 28, 2025

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

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),

Mar 24, 2026

100G QSFP-DD DCO : Optical Transceiver Module | NEC

The NEC's 100G QSFP-DD DCO optical transceiver is an optical transceiver that utilizes coherent technology. QSFP-DD has backward compatibility with existing

Jan 31, 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.

Jun 20, 2026

QSFP-DD DCO 400G DWDM Tunable Coherent ITU CH13-CH61

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

Apr 23, 2026

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

Feb 20, 2026

400G ZR Coherent QSFP-DD DCO | Tunable | EDGEOPTIC

EDGEOPTIC 400G ZR Coherent QSFP-DD DCO: 40km unamplified/120km amplified, tunable C-Band 75/100GHz, 10dB, 425 Gbps. LC duplex for metro coherent networks.

May 13, 2026

Optical Transceivers | Network Solutions for AI Cluster,

How to Interconnect OSFP and QSFP-DD Ports for 400G/800G Networks? This article explores how to interconnect OSFP and QSFP-DD ports in 400G/800G

Oct 26, 2025

DESIN SLUINS

How to Power Your QSFP-DD Optical Transceiver Growth in the optical transceiver market is driven by demand for higher Ethernet speed in cloud computing, the Internet of Things, and virtual data

Jul 24, 2025

400G QSFP-DD DCO DWDM Tunable Coherent 120km

The transceiver is compliant with the OIF QSFP-DD MSA and supports digital diagnostics functions is intended to be used in conjunction with a host platform

Apr 30, 2026

Cisco 400G Digital Coherent Optics QSFP-DD Optical Modules

These small, modular optical interface transceivers offer a convenient and cost-effective solution for an array of applications in the data center, campus, metropolitan-area access and ring network, storage

Dec 16, 2025

QSFP-DD 100G DWDM Coh Tunable SM 450km, CMIS5.0 LC

The TQD011-TUNC-SO is an QSFP-DD form-factor (type 2a) DWDM transceiver for coherent 100Gbps Ethernet applications. The transceiver is intended for use in interconnect applications between data

Mar 27, 2026

QSFP-DD DCO 400G ZR Coherent Transceiver Module

FiberMall QSFP-DD-400G-DCO-ZR 400G Coherent QSFP-DD DCO ZR Transceiver Module supports 400GE/200GE/100GE data rate at C-Band tunable DWDM

Sep 11, 2025

Cisco 100GBASE QSFP-DD 100G ZR Module Data Sheet

Product overview The Cisco 100G Quad Small Form-Factor Pluggable Double-Density (QSFP-DD) 100G ZR provides customers with a 100 Gigabit Ethernet ZR connectivity option for data centers,

Apr 11, 2026

The Big Differences Between SFP, SFP+, SFP28,

Delve deep into the world of optical modules. From SFP to the latest QSFP-DD, explore their differences, applications, and what to consider for your

Apr 25, 2026

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

Sep 29, 2025

QSFP-DD Product Family » Acacia

Powered by Greylock and Delphi DSP ASICs, and silicon photonic integrated circuits (PICs) for an optimized co-packaged design with 3D Siliconization. Supports an expansive list of interoperability

Mar 17, 2026

Comprehensive Guide to QSFP – MapYourTech

QSFP-DD introduces enhanced thermal management capabilities through riding heat sinks that can be optimized independently of the optical

Apr 06, 2026

Arista Networks 400GBASE-ZRP Compatible QSFP-DD

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

Oct 21, 2025

400G Multi-Rate OpenZR+ QSFP-DD DCO | 2000km

EDGEOPTIC 400G Multi-Rate OpenZR+ QSFP-DD DCO: 50km at 400G to 2000km at 100G, tunable C-Band, 12dB, built-in FEC. LC for flexible rate-adaptive coherent.

Apr 30, 2026

COLORZ® II 400ZR+ QSFP-DD Product Brief

The transmitter is tunable over the ITU C-Band (75 GHz grid or 100 GHz grid). The COLORZ II 400ZR+ QSFP-DD includes a narrow linewidth tunable laser, Silicon Photonics Modulator ICR, and a DSP.

Nov 27, 2025

Cisco Optics | Transform Your Network

Get the highest quality, performance-leading optical transceivers for any network architecture. Find the transceiver model to fit your network.

Jul 29, 2025

400G QSFP-DD ZR+ Coherent Modules | GIGALIGHT

It provides high-speed data channels, IIC interface module control and state alarm reporting with 3.3 V power supplied. The QSFP-DD coherent optical module uses a 76-pin connector as an electrical

Jan 10, 2026

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

May 06, 2026

QSFP-DD High-Power (Bright) DCO 400G DWDM

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

Sep 02, 2025

QSFP-DD High-Power (Bright) DCO 400G DWDM

The 400G QSFP-DD ZR+ Pro is a C-Band optical frequency tunable coherent

Jun 25, 2026

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

This article will introduce the next generation optical module in detail, QSFP-DD, also known as quad small factor pluggable, and this article will also

Apr 09, 2026

400Gb/s QSFP-DD ZR Coherent Optical Transceiver

The 400G QSFP-DD ZR is designed to 400G 120Km DCI DWDM applications without inline chromatic dispersion compensation. The 400G QSFP-DD ZR is a C-Band optical frequency tunable coherent

Jan 28, 2026

QSFP-DD Hardware

Abstract: This specification defines: the electrical and optical connectors, electrical signals and power supplies, mechanical and thermal requirements of the pluggable QSFP Double Density (QSFP-DD)

Contact Us

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