

Slovakian ODM Coherent Optical Module QSFP-DD



Overview

The ECPO-QDDZR400G is a 400 Gbps tunable dense wavelength division multiplexing (DWDM) DP-16QAM coherent transceiver. Cisco offers a comprehensive range of pluggable optical modules in the Cisco ® pluggables portfolio. The wide variety of modules gives you flexible and cost-effective options for all types of interfaces. Cisco offers a range of GBIC, SFP, XFP, SFP+, CXP, CFP, Cisco CPAK, and QSFP+ pluggable. 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. 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. The QSFP-DD DCO transceiver provides 400GBASE-ZR throughput up to 120km using EDFA over single-mode fibre (SMF) via an LC/UPC connector. 400G DP-16QAM modulation format.

Article Content

OEM 100G QSFP28 & 200G QSFP56, QSFP-DD, CFP2

Direct OEM/ODM manufacturer of 100G/200G transceivers for AI clusters & hyperscale cloud. 100% tested 100G QSFP28, 200G QSFP56, QSFP-DD & CFP2 solutions.

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

QSFPDD-ZR-400G Datasheet | FS

400G QSFP-DD DCO DWDM TUNABLE COHERENT 120KM DOM TRANSCEIVER

Description The FS QSFP-DD Digital Coherent Optics (DCO) transceiver supports 400G coherent transmission for data

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.

400G ZR/ZR+ pluggable coherent modules

400G modules and applications in the router-pluggable QSFP-DD format. Developed by the Optical Internetworking Forum (OIF) and released in March 2020, 400ZR is profile-optimized for high-density

2023-010-ECPO-QDDZR400G QSFP-DD 400G ZR DS R02 20230314

The QSFP-DD form factor device is hot pluggable and includes digital diagnostics monitoring (DDM) and control functions. This module enables interoperable and cost-effective

400G ZR+ QSFP-DD Coherent Optical Module

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

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

Coherent debuts 800Gbps QSFP-DD form-factor transceiver module

QSFP-DD and OSFP are the most popular and compact form factors used in DCI applications. The new 800G transceiver uses Coherent's 140Gbaud IC-TROSA optical subassembly,

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

2023-010-ECPO-QDDZR400G QSFP-DD 400G ZR DS R02 20230314

ECPO-QDDZR400G The ECPO-QDDZR400G is a 400 Gbps tunable dense wavelength division multiplexing (DWDM) DP-16QAM coherent transceiver. The QSFP-DD form factor device is

QSFP-DD 400G DCO 0dBm ZR+

The QSFP-DD 400G Digital Coherent Optical (DCO) 0dBm Open ZR+ transceiver is a 400 Gbit/s multirate pluggable module for 100/200/300/400GBASE Ethernet optical data communication.

Cisco 400G Digital Coherent Optics QSFP-DD Optical Modules Data

Thanks to the miniaturization of the technology with a 7-nm manufacturing procedure and innovation in silicon photonic technology, it is now possible to squeeze a 400G-capable Digital

Generic Compatible QSFP-DD DCO 400G DWDM Tunable Coherent

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

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

Ascent's 400G ZR+ QSFP-DD Digital Coherent Optic Modules are 400 Gb/s Quad Small Form Factor Pluggable- double density (QSFP-DD) transceivers designed for 480 km optical

QSFP-DD DWDM OPEN ZR+ 400GbE/200GbE/100GbE Universal

The 400G QSFP-DD DWDM OPEN ZR+ Coherent transceiver will enable IP-over-DWDM deployments in metro and regional optical transport networks. By plugging high transmit output power 400G QSFP

400G Optical Transceivers: What's the Difference Between OSFP and QSFP-DD?

Application Scenarios: Both QSFP-DD and OSFP are suitable for data center interconnect (DCI) scenarios, including direct attach copper cables (DAC), active optical cables (AOC), and fiber optic

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> The 400G QSFP-DD ZR+

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

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 ROADMs

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