

200GCFP2 Optical Module



Overview

This CFP2 coherent optical module supports wavelengths from 1528 to 1567 nm and has a transmission capacity of up to 200 Gbps. With EDFA for transmission, point-to-point can reach 1000km. Support for Ethernet/OTN clients, and line-side transmission of 100Gbps QPSK modulation up to 400Gbps 16QAM Supports an expansive list of interoperability modes including OpenROADM MSA, CableLabs, and the Optical Internetworking Forum (OIF) Supports DCI, access aggregation, wireless 5G backhaul. The 200G Coherent CFP2 optical module, integrating coherent detection and high-performance DSP, enables higher spectral efficiency over limited fiber resources, making it a proven solution for metro, backbone, and data center interconnect (DCI) networks. Letter C in the CFP2 naming is an acronym. C-band tunable, Multi-rate, SD-FEC, 0°C to 70°C, LC receptacle. On the host side, the module can accommodate a variety of signal types including 100GE, 200GE, 400GE, OTU4 and OTUCn (FlexO). On the line side the module supports 100G, 200G, 300G, and 400G interfaces with different modulation formats. CFP2-DCO-200G-D is CFP2 form factor coherent pluggable module compliant to the CFP MSA CFP2 hardware specification, based on DP-mQAM modulation, polarization diversity coherent intradyne detection and advanced electronic link equalization.

Article Content

400G ZR+ QSFP-DD DCO Coherent Fiber Transceiver

100G/200G/400G Coherent QSFP-DD DCO ZR+ Transceiver Module (DWDM C Band 50GHz Grid: 191.15-196.1GHz) The QSFP-DD DCO 400ZR+ coherent

200G CFP2-DCO Tunable DWDM Coherent Module

200G-CFP2-DCO is 100/200G CFP2-DCO C-Band 50 Ghz tunable DWDM optical module compliant with MSA and OIF-CFP2-DCO specification.

CFP Optical Modules Market

Optical modules play a critical role in supporting evolving network infrastructure, enabling organizations across industries to accelerate digital transformation while balancing energy efficiency and long-term

200G Coherent CFP2 Optical Module Explained

A 200G Coherent CFP2 optical module (commonly referred to as 200G CFP2-DCO, Digital Coherent Optics) is a high-performance pluggable

200G CFP2 DCO Transceiver: Long-Distance Optical

Innoptical's 200G CFP2 DCO transceivers deliver reliable, long-range performance for distances up to 1000km. Get high-capacity and seamless connectivity for your

Cisco NCS 5500 2x200G CFP2 MPA | Router Expansion Module

Expand NCS 5500 capacity with 2 x 200G CFP2 ports, optical fiber support, and carrier-grade modular design for high-density routing.

Custom 200GBASE-ER4 CFP2 Module | 40km OTN Transport

Upgrade legacy telecom chassis. The 200GBASE-ER4 CFP2 transceiver delivers robust thermal dissipation and 40km single-mode reach for core optical transport networks.

High Quality Optical Module Wholesaler

Hyper Photonix is a leading optical transceiver supplier for high-speed networking applications in data center, enterprise, and optical transmission networks. The

CFP2-DCO-200G-D Data Sheet | FS

CFP2-DCO-200G-D is CFP2 form factor coherent pluggable module compliant to the CFP MSA CFP2 hardware specification, based on DP-mQAM modulation, polarization diversity coherent intradyne

Cisco Digital CFP2-DCO Coherent Optical Module Data Sheet

Introduction Cisco offers a comprehensive range of pluggable optical modules in the Cisco ONS pluggables portfolio. The wide variety of modules gives you flexible and cost-effective options for all

Coherent optical module

Coherent optical module refers to a typically hot-pluggable coherent optical transceiver that uses coherent modulation (BPSK / QPSK / QAM) rather than amplitude modulation (RZ/ NRZ / PAM4) and

Optical Module Package Market 2025

Optical Module Package Market was valued at 8942 million in 2024 and is projected to reach US\$ 20220 million by 2032, at a CAGR of 12.7%

Cisco NCS 5500 1x200G CFP2 + 2x100G QSFP28 MPA | Router Module

Add flexible 200G and 100G optical capacity with CFP2 and QSFP28 ports for Cisco NCS 5500 routing, backed by modular expansion.

NeoPhotonics upgrades 400G transceiver | Electronics

NeoPhotonics announced a new, high output power version of its 400G Multi-Rate CFP2-DCO coherent pluggable transceiver with 0 dBm output

PSE 100G/400G pluggable coherent optics

How pluggable coherent optics bring performance and low power to industry standard transceiver module formats

Optical Transceivers SFP SFP28 QSFP28 QSFP-DD 1G to 400G Range

Browse optical transceivers from Pivotal Optics including SFP, SFP28, QSFP28 & QSFP-DD modules. 1G to 400G solutions for data centers & networks. Shop now!

200G/100G CFP2 Digital Coherent Optics Transceiver

On the host side, the module can accommodate a variety of signal types including 100GE, 200GE, 400GE, OTU4 and OTUCn (FlexO). On the line side the module supports 100G, 200G, 300G, and

Coherent 200G CFP2 DCO Module Product Specification

This document describes the product specifications for coherent 200G CFP2 DCO modules based on dual polarization quadrature amplitude modulation (DP-16QAM) supporting extended C-band,

Optical Modules Market Research Report 2034

Optical Modules Market Outlook 2025-2034 The global optical modules market was valued at \$14.8 billion in 2025 and is projected to reach \$39.6 billion by 2034,

Telecom Optical Module Market Research Report 2033

The Telecom Optical Module market was valued at \$24.8 billion in 2025 and is projected to reach \$47.3 billion by 2033, growing at 8.4% CAGR.

200G CFP2 DCO Coherent DWDM Transceiver Module

200G CFP2-DCO C-Band tunable DWDM coherent optical transceiver module. MSA and OIF-CFP2-DCO specification compliant. Up to 2000km reach.

200G Tunable CFP2-DCO Coherent Transceiver

This CFP2 coherent optical module supports wavelengths from 1528 to 1567 nm and has a transmission capacity of up to 200 Gbps. With EDFA for

200G CFP2 DCO

The electrical interfaces from the module to the host card are provided through a 104-way CFP2 MSA connector which carries all power supplies, signaling and control data for both transmit and receive

Cisco NCS 5500 MPA Spare 1x200G CFP2 2x100G QSFP28 | Router Module

Expand optical transport capacity where port density and speed matter most. Cisco's NCS 5500 1X200G CFP2 and 2X100G QSFP28 MPA spare is designed for environments that need high-bandwidth

200G Coherent CFP2 Optical Module Explained

Explore the principles, key features, and applications of 200G Coherent CFP2 optical modules for metro, backbone, and DCI networks.

Contact Us

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