

Philippines Offshore Coherent Optical Module QSFP



Overview

Digital Coherent Optics module, hot- pluggable QSFP28 form factor Transmission reach: Up to 80km unamplified (loss limited) Up to 120km amplified (dispersion limited, optionally extendable to 300km) Full C-band tunable, 50GHz or 100GHz grid Case temperature range 0°C to 70°C. Digital Coherent Optics module, hot- pluggable QSFP28 form factor Transmission reach: Up to 80km unamplified (loss limited) Up to 120km amplified (dispersion limited, optionally extendable to 300km) Full C-band tunable, 50GHz or 100GHz grid Case temperature range 0°C to 70°C. Cisco ® QSFP28 100G ZR extends 100GbE coherent links from QSFP28 ports reaching up to 80km over dark fiber and up to 300km over amplified Dense Wave Division Multiplexing (DWDM) links. The Cisco QSFP28 100G ZR module expands the portfolio of digital coherent optics (DCO) modules to connect QSFP28. 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. SAXONBURG, PA, September 26, 2025 (GLOBE NEWSWIRE) – Coherent Corp. (NYSE: COHR), a global leader in photonics, announces the industry's first QSFP28 Dual Laser 100G ZR solution that enables broadband providers to efficiently maximize capacity on existing fiber infrastructure. 400G DP-16QAM modulation format. With one VOA inside the TX optical path the out output optical power has 4dB attenuation window. Cisco ® QSFP-DD and OSFP 800G ZR/ZR+ coherent optics modules enable 800G traffic over.

Article Content

Apr 25, 2026

Top Optical Modules for POTN Deployment: SFP, QSFP, and OSFP

Modern optical transport networks are the nervous system of digital infrastructure. As data demand continues to multiply, choosing the right optical module becomes a crucial decision in

Mar 06, 2026

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.

Feb 25, 2026

II-VI Incorporated Unveils Pluggable Optical Line

II-VI Incorporated (Nasdaq: IIVI), a leader in optical communications technology, today announced the introduction of its pluggable optical line

Jul 03, 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.

Jun 30, 2025

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

Jul 04, 2025

FTL4C1QE3C

FTL4C1QE3C 40GBASE-LR4 QSFP+ Optical Transceiver Module FTL4C1QE3C QSFP+ transceiver modules are designed for use in 40 Gigabit Ethernet links over single mode fiber. They are compliant

Aug 31, 2025

Coherent Introduces Pluggable High Dynamic Range

As part of the modular embedded OTDR family from Coherent, this QSFP eOTDR features a CMIS-based interface with an optimized memory map, ensuring

Sep 23, 2025

Marvell Collaborates with InnoLight on the Launch of 100G QSFP-DD ...

The entry of InnoLight, one of the largest optical transceiver manufacturers in the world, into the 100G QSFP-DD optical module market is accelerating the transition of 10G to 100G coherent

Oct 10, 2025

Coherent Announces Industry's First 100G ZR QSFP28

The Coherent 100G ZR QSFP-DCO is the industry's first dual laser QSFP28 digital coherent optics (DCO) module for single fiber, bi-directional applications – a

Aug 08, 2025

The Ultimate Guide to QSFP Cables

Explore the ultimate guide to QSFP cables. Learn QSFP types, differences from SFP, installation methods, and benefits for high-speed data

Jan 07, 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 15, 2026

QSFP28 optical transceivers | Smartoptics

QSFP28 are part of Smartoptics's hot-swappable small form-factor family of optical transceivers and cables.

Nov 12, 2025

100G Coherent QSFP28 C-band Tunable 80km DCO Transceiver

Digital Coherent Optics module, hot- pluggable QSFP28 form factor. Transmission reach: Up to 80km unamplified (loss limited) Up to 120km amplified (dispersion limited, optionally extendable to 300km)

Nov 13, 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

Jun 08, 2026

Transforming Edge Networks Expansions | Coherent

The Genesis of a Game-Changer In a strategic collaboration of optical networking pioneers, Coherent and Adtran defined the requirements for the

Mar 02, 2026

CFP2-DCO vs QSFP-DD DCO vs OSFP-DCO What's

Explore the secrets of coherent optical modules—compare CFP2-DCO, QSFP-DD DCO, and OSFP-DCO. Learn about their definitions,

Sep 10, 2025

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

Apr 28, 2026

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

These digital coherent optics modules enable 800G traffic over amplified DWDM links up to 120 km for 800ZR and over 1000 km for 800G ZR+.

Jan 02, 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

Sep 20, 2025

100ZR meets QSFP28 at the optical edge

The first live demo will take place at the OFC 2023 event. 100ZR QSFP28 coherent pluggable modules will be part of the multi-vendor OFCnet

May 19, 2026

QSFP-DD Optical Transceivers – MapYourTech

A significant breakthrough occurred with the integration of coherent optical technology into QSFP-DD and OSFP form factors. The 400ZR

Jul 26, 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+

Dec 19, 2025

Cisco 400G QSFP-DD Ultra Long Haul Coherent Optics Module

The Cisco 400G QSFP-DD Ultra Long-Haul Coherent Optics Module enables 400G traffic anywhere over dense wavelength division multiplexing amplified networks, and is available in both C-band and

Apr 11, 2026

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 13, 2026

Cisco QSFP28 100G ZR Digital Coherent Optics Module Data Sheet

This DCO module is tunable across C-band. The module is compatible with widely deployed ports of QSFP28 100G and 100GBASE ER CAUI-4 client interfaces. Its maximum

Oct 30, 2025

Cisco QSFP28 100G ZR Digital Coherent Optics Module Data Sheet

Cisco ® QSFP28 100G ZR extends 100GbE coherent links from QSFP28 ports reaching up to 80km over dark fiber and up to 300km over amplified Dense Wave Division Multiplexing

Jul 15, 2025

Coherent Finisar FTL410QE4C 40GBASE-SR4 QSFP+

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

Jul 03, 2025

400G QSFP-DD ZR+ Coherent Modules | GIGALIGHT

1 General The QSFP-DD coherent optical module uses a 76-pin connector as an electrical interface to connect the system board. The module comprises TX unit, RX unit and control units. All control

Dec 16, 2025

QSFP Transceiver Overview. In order to meet the

The 40GBASE QSFP module has become a dominant 40G optical transceiver and offers customers a wide variety of high-density 40 Gigabit

Contact Us

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