

Fiji Co-packaged Photonics QSFP28



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. SAXONBURG, PA, March 28, 2025 (GLOBE NEWSWIRE) – Coherent Corp. (NYSE: COHR), a global leader in photonics, announces general availability of the industry's first 100G ZR QSFP28-DCO featuring 0dBm optical output power, designed for metro and regional ROADM-based line systems. 6T quantum-safe encryption solution on the Waveserver platform was designed with this in mind, supporting QKD system interworking and NIST-certified PQC algorithms. QSFP28 LR4 1310nm 10km LC SINGLE RATE 100GbE. Dispersion/path penalties not taken into account. FEC: If FEC is required in host equipment, power and Rx sensitivity. When you click "Send Request", we will.



Article Content

Apr 18, 2026

Industry-First 100G ZR QSFP28-DCO with High Optical

Built with the vertical integration capability of Coherent, including InP photonic integrated circuits (PICs) and in-house digital signal processor (DSP), the product

Dec 09, 2025

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

The 100G ZR QSFP28 DCO transceiver supports 100G transmission over distances up to 120km (dispersion limited, optionally extendable to 300km) for edge network applications. On the host side,

Nov 18, 2025

SFP28 AND QSFP28 OVERVIEW

QSFP28 O-BAND DWDM TRANSCEIVERS ... 1) This transceiver has inbuilt FEC so host system shall not activate FEC.

Jan 11, 2026

100G QSFP28 Cable and Transceiver Modules Data Sheet | FS

Product overview The FS® 100GBASE Quad Small Form-Factor Pluggable (QSFP28) portfolio offers customers a wide variety of high-density and low-power 100 Gigabit Ethernet

Aug 27, 2025

Industry-First 100G ZR QSFP28-DCO with High Optical

Mar. 28, 2025. Coherent announces general availability of the industry's first 100G ZR QSFP28-DCO featuring 0dBm optical output power, designed for metro and

Jan 05, 2026

National Center for Biotechnology Information

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Jan 24, 2026

Transource. Intel Silicon Photonics QSFP28 Module

As demand for bandwidth increases, silicon photonics co-packaged with switch ASICs will provide the band-width density necessary to scale future data center networks.

Nov 07, 2025

Photonic Integrated Circuits: Research Advances and

Silicon photonics, serving as a cornerstone technology in modern information technology, demonstrates significant application potential in critical

Oct 07, 2025

Source Photonics demos 2x50G-PAM4 QSFP28 100G module

Source Photonics has now taken the next step by reducing the complexity and component count of 100G transceivers by a factor of two using 50G-PAM4 modulation. The 2x50G

Jan 08, 2026

Intel® Silicon Photonics 100G PSM4 QSFP28 optischer Transceiver

Intel® Silicon Photonics 100G PSM4 QSFP28 optischer Transceiver Kurzübersicht über Spezifikationen, Funktionen und Technik.

Apr 26, 2026

100GBASE-PSM4 QSFP28 1310nm 500m Transceiver Datasheet | FS

This product is a QSFP28 parallel single mode optical transceiver with an MTP/MPO APC fiber ribbon connector. The transmitter module accepts electrical input signals compatible with Common Mode

Dec 05, 2025

Juniper Networks lays out silicon photonics based pluggable optical ...

While optical transceivers based on silicon photonics are plentiful, Juniper Networks believes its approach provides significant differentiation.

Dec 07, 2025

100Gb/s QSFP28 Transceivers

COMPLIANT WITH THE SFF-8636, IEEE802.3BM OR ITU-T G959.1 Amphenol's 100G QSFP28 optical modules include SR4, AOC, AOC break out, CWDM4, LR4, ER4 Lite, ER4 and ZR4 series, which

Jan 12, 2026

100G QSFP28 Transceivers | GBC Photonics

QSFP28 SR4 850nm 100m MPO SINGLE RATE 100GbE... QSFP28 LR4 1310nm 10km LC SINGLE RATE 100GbE... QSFP28 CWDM4 2km LC SINGLE RATE 100GbE Single... QSFP28 LR4 1310nm

Apr 24, 2026

Coherent Showcases Next-Generation Optical Innovations at ECOC

This demo features Coherent's QSFP28 module with active ingress/egress latency control, enabling ultra-low latency variation and Class C Precision Time Protocol accuracy.

May 25, 2026

Coherent Showcases Next-Generation Optical Innovations at ECOC

Built on the proven BH DFB platform, the new 400 mW continuous-wave (CW) laser delivers stable high output, ultra-low noise, and narrow linewidths in a compact chip-on-carrier format. Engineered for

May 26, 2026

Presentation

SILICON PHOTONICS FOR COHERENT OPTICS TRANSCEIVERS Silicon Photonics provides low-cost integration of passives For applications where electro-optic performance is sufficient, silicon

Oct 18, 2025

Intel® Silicon Photonics 100G LR4 QSFP28 Optical Transceiver

Intel® Silicon Photonics 100G LR4 QSFP28 Optical Transceiver quick reference with specifications, features, and technologies.

Sep 26, 2025

100G ZR QSFP28 Coherent DCO Transceivers

In the QSFP28 module the DSP is paired with a highly efficient silicon photonics optical front-end and a power-optimized tunable laser, resulting in a

Sep 13, 2025

100ZR QSFP28 Coherent Transceiver

Compared to traditional IM-DD optics, 100ZR QSFP28 coherent pluggable transceiver uses coherent technology to deliver 100 Gb/s data transmission

Aug 31, 2025

OFC 2026: new launches round-up, part II

AIM Photonics Presents PICs & Packaging for Co-Packaged Optics and Quantum – a view of the manufacturing and infrastructure considerations shaping scalable U.S.-based integrated

Aug 20, 2025

QSFP28-DCO | Coherent Corp. | Apr 2025 | Photonics Spectra

SAXONBURG, Penn., April 9, 2025 — Coherent's 100G ZR QSFP28-DCO is designed for metro and regional ROADM-based line systems and IP-over-DWDM deployments. The solution eliminates the

Jun 20, 2026

Integrated Silicon Photonics Transceiver Module for

The architecture, packaging, and performance of a Silicon Photonics single transceiver chip PAM4 optical QSFP28 transceiver module for 100 Gigabit

May 01, 2026

100G QSFP28 Transceiver Modules | Optical

FS offers a growing portfolio of 100G QSFP28 modules. The 100G QSFP28 module solution provides high-performance 100GbE connectivity for data centres,

Jul 27, 2025

Inphi offers 100G PAM4 QSFP28 for 80-km data center interconnect

Working in collaboration with Microsoft, Inphi Corp. (NYSE: IPHI) has developed and released a reference design for a DWDM QSFP28 transceiver that uses PAM4 for 100-Gbps

Sep 18, 2025

Overview of QSFP28 LR4 Optical Transceiver

Discover FS's QSFP28 100G LR4 optical transceiver, offering low power consumption, perfect compatibility, and reliable long-distance performance

Sep 28, 2025

Intel® Ethernet QSFP28 Optic

Intel® Ethernet QSFP28 Optics are an excellent choice for fiber systems in high-speed communications equipment. Both short range and long-range transceiver modules are available for maximum

Feb 18, 2026

arXiv e-Print archive

The paper discusses future advancements in silicon photonics technology.

Jul 30, 2025

QSFP28 AOC

This product is a high data rate parallel active optical cable (AOC), to overcome the bandwidth limitation of traditional copper cable. The AOC offers 4 independent data transmission channels and 4 data

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://moletenare-ew.co.za>

Email: info@moletenare-ew.co.za

Phone: +86 138 1658 3346

Address: Ningbo, China

This document is for informational purposes only. Specifications subject to change without notice.

