

Cambodia 800G Optical Module QSFP-DD



Overview

The Gigalight GQD-MPO801-SR8C is a Eight-Channel, Pluggable, Parallel, Fiber-Optic QSFPDD Double Density for 800 Gigabit Ethernet Applications. This transceiver is a high performance module for short-range multi-lane data communication and interconnection applications. 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+. As a. A Comprehensive Technical Guide to 400G/800G High-Speed Optical Networking Technology QSFP-DD (Quad Small Form-Factor Pluggable Double Density) represents a transformative advancement in optical transceiver technology, addressing the exponential growth in data center bandwidth requirements and the. Owing to the persistent requirements for increased bandwidth and speed of data transmission, 800g QSFP-DD optical transceivers have been developed as one of the most advanced technologies in data centers and networks.



Article Content

Sep 28, 2025

1.6T-DR8 OSFP Optical Transceivers

FTCF2519E1PCM is a 1.6T-DR8 OSFP transceiver module. The transceivers are compliant with the OSFP MSA with dual MPO-12 interface, 8x200G PAM4 IEEE

Jun 11, 2026

Everything You Need to Know About 800g QSFP-DD

Explore the essentials of 800G QSFP-DD optical transceivers, including specs, form factors, and compatibility for high-speed Ethernet applications.

Apr 02, 2026

800G QSFP-DD Digital Coherent Optics Transceiver

The 800G Digital Coherent Optics (DCO) family of transceivers are available in

Feb 09, 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.

May 17, 2026

Arista Optics Modules and Cables

To accommodate an increasing spectrum of applications, Arista offers a wide choice of OSFP, QSFP-DD, QSFP, SFP, SFP-DD and DSFP transceivers and cables that comply with industry standards,

Jul 12, 2025

Optical Transceivers

Supporting the OpenZR+ Multi-Source Agreement (MSA), the new 400G OpenZR+ QSFP-DD Optical Module from Molex provides a high level of performance and

Apr 26, 2026

800G QSFP-DD Cable and Transceiver Modules Data Sheet

The 800GBASE-DR8 OSFP Optical Transceiver Module is designed for 800GBASE Ethernet throughput up to 500m over singlemode fiber (SMF) with MPO-16 connectors. This

Sep 13, 2025

800G Optical Transceiver Overview: QSFP-DD and OSFP Packages

Optical module is the optoelectronic device that realizes photoelectric and photoelectric conversion in optical communication, and is the core part of optical communication industry. The

Aug 21, 2025

AOC, DAC, Fiber Optic Transceivers | One-Stop Shop

Online shopping. w/24h-delivery, 7Days & Refund Guarantee. CE, RoHS and ISO9001 Certified. SFP+ Cables, QSFP+ Cables, MiniSAS Cables, XFP Cables,

Jul 22, 2025

800G QSFP-DD Cable and Transceiver Modules Data Sheet

Product overview The FS® 800GBASE Quad Small Form-Factor Pluggable (OSFP/QSFP-DD) portfolio offers customers a wide variety of high-density and low-power 800

Dec 02, 2025

Optical Transceiver Solutions for Cloud Performance

Explore advanced optical transceiver technology for hyperscale environments, ensuring performance and reliability across platforms.

Oct 21, 2025

800G Optical Modules: A Detailed Comparison of QSFP

In today's fast-paced world of data centers and telecoms, 800G optical modules are leading the charge in high-speed network innovation. But

Jun 22, 2026

Small Form-factor Pluggable

Small Form-factor Pluggable Small Form-factor Pluggable connected to a pair of fiber-optic cables Small Form-factor Pluggable (SFP) is a compact, hot-pluggable

Jul 28, 2025

Know Your 800G Transceiver | Juniper Networks

Form factor—Common form factors for 800G transceivers include OSFP and QSFP-DD. The OSFP and QSFP-DD transceiver modules are designed to accommodate the higher power and thermal

Nov 23, 2025

800G Optical Module: osfp vs qsfp-dd

Nowadays, 400G optical modules are widely used, but 800G optical module technology has also been slowly used in data centers and other

Aug 17, 2025

Everything You Need to Know About 800g QSFP-DD

The QSFP-DD transceiver is an 800g optical module capable of handling a throughput of 800 gbs worth of data. In addition, it makes use of the

Jan 30, 2026

Comprehensive Guide to 400G/800G QSFP-DD Optical

From a technological perspective, both 400G and 800G QSFP-DD modules benefit from significant advancements. Silicon photonics has played a

Dec 24, 2025

Full Range of 1G-800G SFP Modules Available Online

Explore a full range of 1G-800G SFP modules online, including SFP, SFP+, SFP28, QSFP+, QSFP28 and QSFP-DD optical transceivers with reliable compatibility.

Mar 28, 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

Jul 16, 2025

800G OSFP/QSFP-DD | Transceiver Modules

FS provides an expanding portfolio of 800G OSFP/QSFP-DD solutions featuring high-performance, high-bandwidth, and backward compatibility. The 800G transceiver modules are ideal choice for AI

Aug 30, 2025

Comprehensive Guide to 400G/800G QSFP-DD Optical

The 800G QSFP-DD optical module takes performance a step further by adopting higher-order PAM4 modulation at 100Gbps per lane. It supports both

Oct 16, 2025

Exploring the Benefits and Applications of 800G QSFP-DD Optical Modules

The 800G optical transceiver is a high-speed optoelectronic conversion device used for achieving 800Gbps data transmission. It adopts small form-factor packaging types, such as QSFP

Jul 19, 2025

800G OSFP Optical Transceiver Modules

Explore QSFPTEK 800G OSFP optics price lists and datasheets. The 800G optics provide ultra low latency, low power, and high reliability optical interconnect core components for data centers, AI

Sep 06, 2025

QSFP-DD TRANSCEIVERS for 400G and 800G

Many network operators compare QSFP-DD vs. OSFP when selecting transceivers for 400G and 800G deployments. While both form factors support high-speed

Jun 27, 2025

OEM 800G QSFP-DD Optical Modules: Technical Overview and

For network vendors or data-centre buyers requiring OEM 800G QSFP-DD optical modules, the key differentiators are brand compatibility, correct coding/EEPROM, accurate labeling

Aug 10, 2025

800G QSFPDD SR8 100m Optical Transceiver Module | GIGALIGHT

The Gigalight GQD-MPO801-SR8C is a Eight-Channel, Pluggable, Parallel, Fiber-Optic QSFPDD Double Density for 800 Gigabit Ethernet Applications. This transceiver is a high performance module

Feb 25, 2026

Coherent DSP | Critical enablers for efficient

Coherent DSPs for pluggable modules The Marvell coherent DSP portfolio, including Orion™, Canopus™ and Deneb™ platforms, empower the optical module

Jul 11, 2025

Optical Transceivers | Coherent

Get the pluggable module performance you need from the manufacturer of choice for all major networking equipment vendors worldwide.

Nov 17, 2025

QSFP-DD Optical Transceivers – MapYourTech

800G Evolution: QSFP-DD modules supporting 800 Gb/s aggregate bandwidth using 8 × 100 Gb/s electrical lanes have transitioned from

Contact Us

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