

Monaco manufacturer QSFP optical module 800G



Overview

This transceiver is a high performance module for short-range multi-lane data communication and interconnection applications. 25Gbps up to 60 m using OM3 fiber or 100 m using OM4 fiber with. 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+. QSFP-DD (Quad Small Form-Factor Pluggable Double Density) transceivers double the number of high-speed electrical interfaces in QSFP to achieve 400G Ethernet speeds – and double them again to reach 800G. Many suppliers list compatibility with brands such as Arista, Cisco, Broadcom, NVIDIA and Juniper. Pre-programming the module's EEPROM / serial number. The Gigalight GQD-MPO801-SR8C is a Eight-Channel, Pluggable, Parallel, Fiber-Optic QSFPDD Double Density for 800 Gigabit Ethernet Applications.



Article Content

800G Optical Modules Explained: Standards, Types

We will explore the emergence, technical standards, packaging, types, and applications of 800G modules, and answer common questions to help you

Optical Transceivers | High-Speed Fiber Modules up to 800G

High-speed optical transceivers up to 800G, including SFP, SFP+, QSFP and QSFP-DD modules. Designed for data center, telecom and enterprise networks. Philisun.

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.

QSFP-DD TRANSCEIVERS for 400G and 800G

QSFP-DD transceivers double the number of high-speed electrical interfaces in QSFP to achieve 400G Ethernet speeds – and double them again to reach 800G.

QSFP-DD 800G DR8 Optical Transceiver Module 500m 1310nm

The Asterfusion 800G DR8 QSFP-DD optical transceiver module supports 800GBASE-DR8 and data center network. It integrates 8 data lanes in each direction, operating at 8 × 53.125 GBd. Each lane

QSFP-DD 800G 2SR4 Optical Transceiver Module

The 800GBASE-2SR4 optical transceiver module has a hot-pluggable QSFP-DD form factor with a dual MPO12 APC connector to simplify network integration and

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

This article provides an overview of 800G optical transceivers, focusing on the QSFP-DD and OSFP packages. Explore the features, differences of these high-speed transceiver form factors

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

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.

Application Introduction for 800G OSFP and 800G

A comprehensive selection of 800G optical modules is available, including AOC, DAC, and AEC, all provided in OSFP and QSFP-DD form factors.

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

QSFP-DD Price Guide 2026: 400G/800G Costs & TCO Analysis

QSFP-DD price guide with 400G/800G module costs, OEM vs third-party comparison, volume discounts, and 3-year TCO analysis for data center buyers.

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

QSFP-DD 800G 2SR4 Optical Transceiver Module

Asterfusion 800G QSFP-DD 2SR4 optical transceiver modules support 800G data transmission up to 100m on OM4. It suits for 800G ethernet, data center and

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

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

The Cisco 800G QSFP-DD coherent optics modules are mechanically compliant with the QSFP-DD Multi-Source Agreement (MSA), and the Cisco 800G OSFP optical modules are mechanically

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

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

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

800G LPO QSFP-DD800 Optical Transceiver for AI/HPC Data Centers

Explore 800G LPO QSFP-DD800 optical transceivers designed for AI and HPC data centers. Delivering ultra-low latency, power efficiency, and reliable high-speed networking.

800G QSFP-DD SR8 LPO Optical Transceiver Module, Compatible

Buy YTLINK 800G QSFP-DD SR8 LPO Optical Transceiver Module, Compatible with 800GBASE-SR8 QSFP-DD Multimode Optical Modules, 2 x MPO-12, 850nm 50m: Network

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

Contact Us

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