

Sri Lanka Overseas Warehouse 800G Optical Module QSFP-DD



Overview

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 transceiver is compliant with IEEE P802. 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+. 800G Digital Coherent Optics (DCO) transceivers are available to support various Dense Wavelength Division Multiplexing (DWDM) applications including Data Center Interconnect (DCI) up to 120km. The FS® 800GBASE Quad Small Form-Factor Pluggable (OSFP/QSFP-DD) portfolio offers customers a wide variety of high-density and low-power 800 Gigabit Ethernet connectivity options for data center, high-performance computing networks, enterprise core and distribution layers, and service provider. The Cisco family of QSFP-DD800 modules leverages the cornerstone of high-speed, high-density pluggable form factors, QSFP. The FS provides an expanding portfolio of 800G OSFP/QSFP-DD solutions featuring high-performance, high-bandwidth, and backward compatibility. The 800G optics provide ultra low latency, low power, and high reliability optical interconnect core components for data centers, AI computing clusters and ISP networks.



Article Content

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

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 Transceiver Guide 2026: Complete

Master QSFP-DD transceiver deployment for 400G/800G networks. Compare module types (SR8/DR4/FR4/LR4), cable options, pricing, and

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

Supports 2x400G or 8x100G breakout technology for higher port density. 8x106.25G PAM4 retiming 8x100GAUI-1 C2M electrical interface Operating Temperatur: 0~70°C. The high

Cisco QSFP-DD800 Transceiver Modules Data Sheet

The QSFP-DD800 provides the industry's highest bandwidth density of any transceiver module and backward compatibility to lower-speed QSFP

800G QSFP-DD Digital Coherent Optics Transceiver

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

800G QSFP-DD DR8 Optical Transceiver Applications | QSFPTEK

In this video, we will introduce the main parameters and application scenarios of the 800G QSFP-DD DR8 module. 800G QSFP-DD DR8 is a high-performance 800G optical module in QDD package with an ...

800G QSFP-DD Module: Technical Guide and Selection Criteria

Complete guide to 800G QSFP-DD modules: specifications, types, QSFP-DD vs OSFP comparison, and selection criteria for AI data centers.

800G Optical Modules Explained: Standards, Types

Discover everything about 800G optical modules—standards, packaging, types & applications. Learn how they power AI, HPC & next-gen data

QSFP-DD800 800G Loopback Module

The built-in surge current mitigation technology mitigates the DUT risks from being damaged. The broad operating temperature range accommodates the enterprise, datacom and telecom applications. The

How to choose between 800G optical-mode QSFP-DD

Optical module is the optoelectronic device that realizes photoelectric and photoelectric conversion in optical communication, and is the

800Gb/s QSFP-DD Transceivers

Amphenol's 800G QSFP-DD optical modules include 2xFR4(plus), 2xLR4, AOC, and AOC break-out series, which adopt LC or MPO optical ports and are compatible with IEEE802.3, OIF-CMIS, and

800G Multimode Optical Module Selection: QSFP-DD or

The 800G OSFP SR8 has basically the same performance parameters as the 800G QSFP-DD SR8, with the key difference being the OSFP form factor.

800G OSFP/QSFP-DD Optical Transceivers for

High-density 800G OSFP and QSFP-DD transceivers support InfiniBand and RoCE, enabling 100m to 2km transmission via MMF and SMF.

800GBASE OSFP/QSFP-DD800 Optics Transceivers

800G QSFP-DD800/OSFP optical module includes two architecture solutions, 2x400G and 8X100G. Its optical interfaces include MPO-16, Dual MPO-12, Dual

800G QSFP112-DD Optical Transceiver Modules

800G QSFP112-DD Transceivers use 8x100G PAM4 channels for 800GbE connectivity, compliant with QSFP-DD MSA and support various network

200G/400G/800G Optical Transceiver Modules | FiberMall

200G/400G/800G optical module features up to 40km transmission distances using QSFP56/QSFP-DD footprints for data center interconnect applications - FiberMall

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 QSFPDD SR8 100m Optical Transceiver Module | GIGALIGHT

In order to avoid conflicts, the host system shall not attempt 2-wire interface communications within the ModSelL de-assert time after any QSFP-DD modules are deselected. Similarly, the host must wait at

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

Cisco QSFP-DD800 Transceiver Modules Data Sheet

The Cisco family of QSFP-DD800 modules leverages the cornerstone of high-speed, high-density pluggable form factors, QSFP. The QSFP-DD800

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.

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

Discover the benefits and applications of 800G QSFP-DD optical modules, a cutting-edge solution for high-speed data transmission. Learn about its features, including high-speed transmission, multi

Contact Us

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