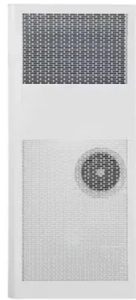


800G Optical Module 800G Three-Year Warranty



Overview

Lumentum's 800G 2×DR4 OSFP transceiver provides high-speed, energy-efficient optical connectivity for AI and cloud data centers. The modules comply with the OSFP MSA configuration with integrated closed. OSFP800 modules deliver 8×100G lanes with options for MMF, SMF, and low-latency linear designs. 800G OSFP800 transceivers represent the cutting edge of data center optical connectivity, purpose-built for AI/ML clusters, GPU interconnects, and hyperscale spine-leaf architectures demanding maximum. The 800GBASE-DR8 OSFP optical transceiver module is designed for 800GBASE Ethernet throughput up to 500m link lengths over OS2 single-mode fibre (SMF) using a wavelength of 1310nm via dual MTP/MPO-12 APC connectors. This transceiver is compliant with IEEE 802. Accelerating AI, machine learning, and next-generation workloads with 800G transceivers. An 800G module is a high-speed transmission module commonly used in data centers, communication networks, and other areas requiring high-density data transmission and high-speed data processing. 25 Gbps PAM4 per lane, achieving a total bandwidth of 800 Gbps over single-mode fiber.

Article Content

800G Optical Transceiver Modules | Broadex Technologies

800G optical transceivers are a new generation of high-speed optical transceivers.

800GbE optics shipments to grow 60% in 2025 - report

The datacom optical component market will grow 60%+ to reach over US\$16 billion in revenue during 2025, based primarily on continued growth in

800G-2xDR4 OSFP112 LPO Optical Transceiver Module

For detailed information and to place an order for the 800G-2xDR4 OSFP112 LPO Optical Transceiver Module, please contact our sales team or visit our website for specifications and pricing.

Cisco OSFP 800G Transceiver Modules Data Sheet

The Cisco® OSFP 800G transceiver modules provide 800 Gigabit Ethernet (GE), 2x 400GE, 4x 200GE, and 8x 100GE connectivity options, complying with the Octal Small Form Factor Pluggable (OSFP)

The Most Comprehensive Guide Of Optical Modules

Explore the ultimate guide to optical modules. Learn types, functions, performance metrics & how to choose the right module for your fiber network.

H3C OSFP800-800G-DR8-SM1310-DMPO Compatible 800GBASE

The 800GBASE-DR8 OSFP optical transceiver module is designed for 800GBASE Ethernet throughput up to 500m link lengths over OS2 single-mode fibre (SMF) using a wavelength of 1310nm via dual

Cisco Compatible SFP List 2026: Architect's Selection Guide

Master the Cisco Compatible SFP List 2026. This expert guide covers 400G/800G optics, PAM4 modulation, and IOS-XE compatibility logic to slash TCO by 80% while ensuring 99.999%

Cisco OSFP 800G Transceiver Modules Data Sheet

The OSFP 800G transceiver modules are Cisco's new generation of pluggable transceiver modules based on the OSFP specification. They offer

800G Transceivers | Lifetime Warranty | Carritech Optics

At Carritech Optics, we stock and supply OEM compatible 800G transceivers from our UK & Spanish warehouses. Lifetime Warranty included.

800G OSFP SR8 Optical Transceiver Module High

It supports 800G Ethernet and InfiniBand NDR applications over multimode fiber with a reach of up to 100m on OM4. Compliant with industry standards, this hot

800G OSFP800 Optical Transceivers | EDGE Optical Solutions

Next-generation 800G connectivity for AI/ML data centers. OSFP800 modules deliver 8x100G lanes with options for MMF, SMF, and low-latency linear designs.

Google's High-Speed Interconnect Architecture

In an OCS-enabled architecture, Ironwood TPUs rely on high-speed copper for short-reach connections, while the all-optical network handles inter-rack data

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

800G Client Optics in the Data Center

The next key development is 800G, and the industry is already gearing up to deploy this next generation of client optics in hyperscale data centers. Developments in three distinct areas are needed for 800G

LonRise Launches High-Performance OSFP-800G-DR8 Transceiver

Discover the details of LonRise Launches High-Performance OSFP-800G-DR8 Transceiver for Hyperscale AI Networking at LonRise Equipment Co. Ltd., a leading supplier in China for Optical

Co-Packaged Optics (CPO) Market Trends 2026: AI Data Center Optical ...

Explore the future of co-packaged optics (CPO) in AI data centers. Learn how silicon photonics, optical I/O, and high-speed optical interconnect technologies are shaping next-generation

800G-high performance module.

The MQD-G7F6C is a high performance, cost effective module for optical data communication applications to 800G and transmission distance up to 10km on

Photonics Is Where AI Infrastructure Meets Physical Limits Copper ...

Sergey (@SergeyCYW). 999 likes 21 replies. Photonics Is Where AI Infrastructure Meets Physical Limits Copper interconnects are reaching practical limits inside high-performance data

QSFP-DD Transceiver Guide 2026: Complete 400G/800G Deployment

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

Global 800G Optical Module Market Growth 2026-2032

The global 800G Optical Module market size is predicted to grow from US\$ 1301 million in 2025 to US\$ 4260 million in 2032; it is expected to grow at a CAGR of 14.5% from 2026 to 2032.

400G, 800G, and Terabit Pluggable Optics:

Pluggable Optical Modules: QSFP-DD or OSFP Both variants support all the technical

Warranty QSFP optical module 800G online manufacture

Introduction The 800G and 400G optical transceivers are high-speed fiber-optic modules used to transmit large volumes of data over fiber optics. Their usage is mainly driven by the need for massive

800G 2×DR4 OSFP Transceiver Module

Featuring 2×MTP-12/APC connectors, CMIS 5.2 management, and advanced monitoring, the 800G 2×DR4 OSFP transceiver delivers reliable, scalable performance for next-generation short-reach

800G Optical Modules Drive Market Recovery in 2025

Despite growing attention around co-packaged optics (CPO), both LightCounting and Cignal AI report that CPO will not have a material impact on

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+.

AI Drives Doubling of 800G Optical Transceiver Shipments in 2025

Furthermore, driven by escalating demands from AI technology, shipments of 800G optical transceivers are projected to grow by 100% year-over-year in 2025. The market will also see the initial shipments

Applied Optoelectronics Secures \$53 Million 800G ...

SUGAR LAND, TX — In a move that underscores the insatiable appetite for high-speed networking in the artificial intelligence (AI) era, Applied Optoelectronics (Nasdaq: AAOI) has secured

Cisco OSFP 800G Transceiver Modules Data Sheet

Note: The OSFP-800G-VR8, OSFP-800G-VR8P, OSFP-800G-DR8 and OSFP-800G-DR8P require patch cords with angled physical contact (APC) MPO connectors. All cables and cable assemblies

The Ultimate Reference Table for SFP & QSFP Optical Transceiver ...

The definitive guide to SFP, QSFP, and QSFP-DD standards for 2025. Compare 400G/800G optics, understand PAM4 complexity, and master QSFP-DD vs OSFP deployment

Contact Us

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