

800GQSFP28 Optical Module



Overview

The STC-40028 from Swedish Telecom Opto's LPO Series is a high-performance 800 Gb/s QSFP-DD SR8 optical transceiver optimized for short-reach, high-bandwidth data-centre and AI workloads. 800G QSFP-DD ZR Pro Transceiver is a high performance, high output power, cost effective pluggable DCO module compatible with various switches and routers for optical data communication applications. The optical signals back into electrical signals. Optical modules are classified by their packaging forms, with common types including SFP, SFP+, SFP28, QSFP+, QSFP28, QSFP56, QSFP-DD, QSFP112, and. 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. Explore QSFPTEK 800G OSFP optics price lists and datasheets. Utilizing Linear Pluggable Optics (LPO) architecture, the module operates without a DSP, leveraging host ASIC. Amphenol's 800G OSFP optical modules include 2xDR4 (plus), 2xFR4 (plus), 2xLR4, AOC, and AOC breakout series, which adopt LC or MPO optical ports and are compatible with IEEE802. 3, OIF-CMIS and other standards.



Article Content

May 25, 2026

2025 Lightwave+BTR Innovation Reviews Honorees

Our twelfth annual Lightwave+BTR Innovation Reviews follows our standard format. We invited technology developers to submit products introduced or enhanced

Aug 24, 2025

Optical Transceiver: QSFP28

Compatible transceivers from Pan Dacom Direkt are the cost-effective and flexible solution for the implementation of optical connections. The portfolio ranges from

Mar 07, 2026

Optical Transceiver Manufacturer | 1G-800G Optics | Wolon

We not only provide high-performance optical module products, but also provide complete optical interconnect solutions. Through industry-leading customization

Sep 19, 2025

800G-high performance module.

800G OSFP 2XFR4 The MTRO-F6F6C Transceiver is a high-performance, cost-effective module for optical data communication applications supporting 800G Ethernet.

Mar 20, 2026

Dell networking transceivers and cables

All optics and cables released by Dell Networking have passed comprehensive optical analytics check as well as an extensive dynamic test suite. Dell-labeled optics are warranted alongside the Dell

Sep 17, 2025

Genuine optics coherent series products.

800G QSFP-DD ZR Pro Transceiver is a high performance, high output power, cost effective pluggable DCO module compatible with various switches and routers for optical data communication applications.

Sep 08, 2025

E100GQSFP28SRX

Intel Ethernet QSFP28 Optic E100GQSFP28SRX is an excellent choice for up to 100 meter reach in multimode fiber systems for high-speed communications

Dec 06, 2025

Huawei OSFP-800G-SR8-D Optical Module Datasheet

The transmitting end of an optical module converts electrical signals into optical signals, while the receiving end converts optical signals back into electrical signals. Optical modules are classified by

Apr 30, 2026

Echte optische QSFP+-, QSFP28

Die II-VI Finisar FTLC1152RGPL2 QSFP28-Transceiver-Module sind für den Einsatz in 100-Gigabit-Ethernet-Verbindungen auf bis zu 2 km Singlemode-Glasfaser ausgelegt.

Jan 06, 2026

QSFP-DD Optical Transceivers for High-Speed

QSFP-DD ports incorporate a riding heatsink that can be sized independently of the optical module, added on top of the module, or placed

Mar 25, 2026

Third-Party Optical Transceivers Market Report 2025 with Growth ...

Third-Party Optical Transceivers Market Third-Party Optical Transceivers Market Dublin, May 28, 2025 (GLOBE NEWSWIRE) -- The "Third-Party Optical Transceivers Market by Data Rate,

Sep 06, 2025

HG Genuine Compatible Transceivers | EDGE Optical Solutions

Browse HG Genuine compatible optical transceivers. 100% compatible, tested and certified. Fast shipping, competitive pricing.

Jan 02, 2026

800G QSFP-DD 2XLR4-800G-high performance module.

800G QSFP-DD 2XLR4 The Genuine Optics MQD-G7F6C is a high performance, cost effective module for optical data communication applications to 800G and transmission distance up to 10km on SM

Dec 05, 2025

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

Aug 24, 2025

800G OSFP 2XFR4-800G-high performance module.

The MTRO-F6F6C Transceiver is a high-performance, cost-effective module for optical data communication applications supporting 800G Ethernet. The MTRO

Jul 06, 2025

800Gb/s OSFP Transceivers | Optical Interconnect

Amphenol's 800G OSFP optical modules include 2xDR4 (plus), 2xFR4 (plus), 2xLR4, AOC, and AOC breakout series, which adopt LC or MPO

Aug 05, 2025

Datacom Transceivers Now, Next, and Beyond

We have the broadest portfolio of optical components and modules for transport applications Subsystems are more differentiated and enable us to sell on features and capability

Jul 16, 2025

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

May 20, 2026

800G OSFP SR8-800G-high performance module.

MTRO-12F6C is a cost-effective module with high performance, which is optimized for Datacenter, supporting data-rate of 8×53.125 GBd PAM4. Its transmission distance is up to 100m on OM4 MMF.

Aug 19, 2025

800G OSFP/QSFP-DD-Ethernet Networking-Optical Transceivers

800GBASE 2x DR4/DR8 OSFP Finned Top 1310nm 500m Dual MPO-12/APC Module, NVIDIA/Mellanox (Ethernet) Ethernet. Broadcom 7nm DSP. ≤ 16.5 W. EML. 2x 400G-DR4. 8x 100G-DR. SMF. 1.425,62

Oct 05, 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

Apr 11, 2026

Cisco Transceiver Modules

Cisco Transceiver Modules - Learn product details such as features and benefits, as well as hardware and software specifications.

Jul 20, 2025

QSFP28 100G CWDM1310nm 40km Single Lambda SMF Duplex LC Optical Module ...

QSFP28 100G CWDM 1310nm 40km Single Lambda SMF Duplex LC Optical Module Compatible with Cisco Mikrotik HPE TP-LINK HP Juniper DDM Features☐ Tested in Targeted Switches for Superior

May 15, 2026

STC-40028 | 800G QSFP-DD LPO SR8 Optical Transceiver

The STC-40028 from Swedish Telecom Opto's LPO Series is a high-performance 800 Gb/s QSFP-DD SR8 optical transceiver optimized for short-reach, high-bandwidth data-centre and AI workloads.

Contact Us

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