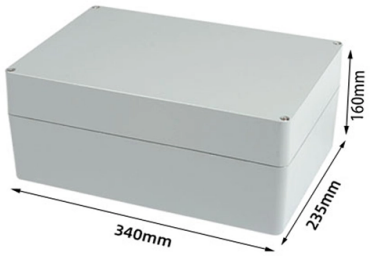
QSFP Pluggable Optical Module



Overview

Amphenol's QSFP-DD Linear Pluggable Optical (LPO) Transceiver delivers low-latency, high-bandwidth PCIe ® Gen 5. 0 over optical link, enabling scalable server disaggregation and efficient rack-to-rack interconnects ideal for AI/ML and rack-scale data center expansion. The Cisco 100GBASE Quad Small Form-Factor Pluggable (QSFP) portfolio offers customers a wide variety of high-density and low-power 100 Gigabit Ethernet connectivity options for data center, high-performance computing networks, enterprise core and distribution layers, and service provider. Our complete quad small form factor pluggable, QSFP connector portfolio includes QSFP+, zQSFP, QSFP28, QSFP56 and QSFP 112G. We provide a large range of simple and customizable design options. The name stands for Quad Small Form-factor Pluggable. Click to get your 40G QSFP+ transceiver modules from nearby warehouses.

Article Content

QSFP, QSFP+, zQSFP, QSFP28 and QSFP56, QSFP

Our complete quad small form factor pluggable, QSFP connector portfolio includes QSFP+, zQSFP, QSFP28, QSFP56 and QSFP 112G. We provide a large range

QSFP-DD Linear Pluggable Optics (LPO)

Amphenol''s QSFP-DD Linear Pluggable Optical (LPO) Transceiver delivers low-latency, high-bandwidth PCIe ® Gen 5.0 over optical link, enabling

QSFP Modules: Complete Transceiver Guide | Ascent Optics

© 2026 EXF OPTICAL NETWORKS - All rights reserved

A QSFP module is a compact, hot-pluggable optical transceiver that connects switches, routers, servers, and storage systems over fiber optic cable. The name stands for Quad Small Form

40G QSFP+ Transceiver Modules | Optical

FS 40G QSFP+ optical transceiver module solutions offer a full range of QSFP+ modules from 150m to 80km reach, and used for high-density switching, routing

QSFP-DD Product Family » Acacia

Quad Small Form-factor Pluggable Double Density (QSFP-DD) solution that fits into high-density switch and router client ports for optical interconnect links

Comprehensive Guide to QSFP – MapYourTech

The original QSFP+ module supports 4 lanes of 10 Gbps transmission for a total aggregate bandwidth of 40 Gbps. It was designed as a high-density

Pluggable Optical Modules: Transceivers for the Cisco

The table below lists the Cisco Pluggable modules in the Cisco ONS family that have reached end-of-sale or end-of-life status, followed by their

QSFP Connector System

Offer low insertion loss and cross talk plus excellent electromagnetic interference (EMI) containment.

Pluggable Optical Modules – GIGALIGHT

The optical amplifier module developed by GIGALIGHT is designed for long-distance transmission systems in digital optical fiber communication. It is specifically designed to work in conjunction with

What is QSFP & QSFP+ Transceiver: An Ultimate Guide

What is a QSFP & QSFP+ Transceiver? QSFP stands for Quad Small Form-factor Pluggable. By integrating four-lane signals into a single module, it supports four times the data

Origin QSFP+ 40GBase-ER4 Pluggable Modul (JNP-QSFP-40GE

Product description The Origin Storage QSFP+ transceiver module delivers performance for high-speed data networking. With a data transfer rate of 40 Gbps, this plug-in module is designed to enhance

What Is an SFP and How It Works Explained

© 2026 EXF OPTICAL NETWORKS - All rights reserved

What is SFP? SFP meaning refers to “small form-factor pluggable,” a compact, hot-swappable device used in modern networks. SFP''s are popular due to their small size, versatile connection options

Wholesale MMA1b00-C100d 100gbase-Sr4 Qsfp28 Optical

Find verified MMA1b00-C100d 100gbase-Sr4 Qsfp28 Optical Transceiver 850nm 100m MPO-12 Mmf Ddm Hot-Pluggable Data Center Fiber Module suppliers and wholesalers with AI-powered sourcing.

Pluggables, Power, and Geopolitics: Mapping the 800G and 1.6T Optical ...

Pluggables, Power, and Geopolitics: Mapping the 800G and 1.6T Optical Transceiver Battle How AI Demand Is Reshaping Market Share, Supply Chains, and Valuations.

direcXource Quanta QSFP-LX4-40G Compatible 40GBASE-LX4 QSFP+

Quanta QSFP-LX4-40G compatible optical transceiver is a parallel 41.2Gbps Quad Small Form-factor Pluggable QSFP+ module for use in 40GBASE Ethernet. QSFP+ LX4 provides 40Gb/s throughput

CBO H-LR4-QSFP+ 100G LR4 QSFP+ transceiver | AiO.lv

The compact QSFP+ package enables four-channel optical transport in a single hot-pluggable module, allowing integration into switches, routers and aggregation equipment that accept QSFP+ interfaces.

400G Digital Optical Modules: Market Evolution & Growth Forecast to

Dominant Segment: QSFP Modules in 400G Digital Optical Modules Market Within the 400G Digital Optical Modules Market, the QSFP (Quad Small Form-Factor Pluggable) module type,

QSFP transceiver BlueOptics BO25K13630D 40GBASE-ER4L | AiO.lv

Product information Description The BlueOptics BO25K13630D QSFP transceiver is a compact, hot-pluggable optical module engineered for 40GBASE-ER4L applications with up to 30 km reach over

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

© 2026 EXF OPTICAL NETWORKS - All rights reserved

Contact Us

Continue your research online:

Website: https://explosivefunctions.co.za
Technical inquiry: https://explosivefunctions.co.za/contact.html
EU project coordination: Parque das Nações, Lisbon, Portugal

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 EXF OPTICAL NETWORKS - All rights reserved