

# Warranty-protected pluggable optical module QSFP28



## Overview

This hot-pluggable module offers a cost-effective, high-performance solution for your 100GBASE-LR4 Ethernet links and data center interconnects. Engineered for reliability and backed by our comprehensive warranty. Cisco® QSFP28 100G ZR extends 100GbE coherent links from QSFP28 ports reaching up to 80km over dark fiber and up to 300km over amplified Dense Wave Division Multiplexing (DWDM) links. The Cisco QSFP28 100G ZR module expands the portfolio of digital coherent optics (DCO) modules to connect QSFP28. Our complete quad small form factor pluggable, QSFP connector portfolio includes QSFP+, zQSFP, QSFP28, QSFP56 and QSFP 112G. Our QSFP portfolio provides a simple upgrade path from 10 Gbps NRZ to 112Gbps PAM-4 — including four. The FS® 100GBASE Quad Small Form-Factor Pluggable (QSFP28) 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. The Quad Small Form-Factor Pluggable (QSFP) family represents a critical evolution in high-speed optical transceiver technology for data centers, telecommunications networks, and enterprise infrastructure. These hot-pluggable transceivers provide high-density, high-performance connectivity. An eSFP module is an SFP module that supports monitoring of voltage, temperature, bias current, transmit optical power, and receive optical power. SFP+: small form-factor pluggable plus, SFP with a. Mellanox® 100Gb/s optical transceiver is designed for use in 100 Gigabit Ethernet links on up to 10km of single mode fiber. It is also qualified for use in Mellanox InfiniBand EDR end-to-end systems. The transceiver is compliant with the QSFP28 MSA, IEEE 802.

## Article Content

100% Compatible 1.25G 10G 40G 100G Optical Transceiver Module

100% Compatible 1.25G 10G 40G 100G Optical Transceiver Module High Speed SFP+ QSFP28 Fiber Module for Cisco Huawei Switches

Detailed Explanation of QSFP Optical Module Packaging

Detailed explanation of QSFP optical module packaging, covering specifications, rate enhancements, and compatibility of QSFP+, QSFP28, QSFP56, QSFP112,

BTON 100G Fiber QSFP28 Module 1310nm 40km LR4 LC LAN

Hot Pluggable QSFP28 form factor Supports aggregate bit rate up to 103.125Gb/s LC Duplex optical interface 4x25Gb/s LAN-WDM transmitter, EML laser, APD array detector Operating case

TR-ZC13H-N00 Innolight TR-FC13R-N00 100Gb/s QSFP28 LR4 Ethernet Optical ...

Type optical module Model Number TR-ZC13H-N00 Brand Name Innolight Place of Origin Guangdong, China form factor Hot pluggable QSFP28 MSA Compatibility 100G Ethernet connector LC duplex

Cisco QSFP28 100G ZR Digital Coherent Optics Module Data Sheet

This DCO module is tunable across C-band. The module is compatible with widely deployed ports of QSFP28 100G and 100GBASE ER CAUI-4 client interfaces. Its maximum

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 Hardware

August 7, 2020 Abstract: This specification defines: the electrical and optical connectors, electrical signals and power supplies, mechanical and thermal requirements of the pluggable QSFP Double

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

The QSFP-DD transceiver serves as an optical module which provides 400G and 800G connectivity through its 8 electrical lanes that enable double the transmission capacity of QSFP28.

MMA1B00-C100D Mellanox MMA1B00-C100D Mellanox Transceiver 100GbE QSFP28

...

Key attributes Type Fiber Optic Transceivers, QSFP28 Network Wireless Lan, Wired LAN Model Number MMA1B00-C100D Brand Name mellanox Place of Origin China Warranty Time 1 Rate 100G

## Pluggable Transceivers Installation Guide

Some Extreme Networks switches support the use of 100 Gb QSFP28 pluggable optical modules. These modules provide four 25-gigabit transmit and receive channels in a single module, for an aggregate

The Big Differences Between SFP, SFP+, SFP28,

2. Distinguishing Features of Various Modules It's essential to know the differences between various optical modules to make an informed choice.

QSFP28 Cisco QSFP-100G-LR4-S 100GBASE-LR4 1310nm 10km

This hot-pluggable module offers a cost-effective, high-performance solution for your 100GBASE-LR4 Ethernet links and data center interconnects. Engineered for reliability and backed by our

What is QSFP & QSFP+ Transceiver: An Ultimate

What is a QSFP & QSFP+ Transceiver? QSFP stands for Quad Small Form-factor Pluggable. By integrating four-lane signals into a single

Optical Transceivers | Network Solutions for AI Cluster,

In the design of AI computing clusters, Scale-Up and Scale-Out have different goals from the outset, and their evaluation criteria are not aligned along the same

100GbE QSFP28 LR4 Optical Transceiver

Mellanox® 100Gb/s optical transceiver is designed for use in 100 Gigabit Ethernet links on up to 10km of single mode fiber. It is also qualified for use in Mellanox InfiniBand EDR end-to-end systems. The

Understanding Pluggable Optical Modules

If you cannot push the optical module into an optical module cage any longer, the optical module is in good contact with the board connector. When installing a CFP optical module, push the module

Cisco optical innovations deliver resilient, scalable, efficient AI ...

Figure 3: The QSFP-DD Pluggable Protection Switch Module Expanding Routed Optical Networking: Bright QSFP28 100ZR 0dBm Cisco continues to expand the number of customers

What Is an SFP Module? — Complete Guide to SFP, SFP+ & SFP28

An SFP (Small Form-factor Pluggable) is a compact, hot-pluggable transceiver module that allows networking equipment — including switches, routers, servers, and media converters — to

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

100Gb/s QSFP28 Transceivers

Amphenol's 100G QSFP28 optical modules include SR4, AOC, AOC break out, CWDM4, LR4, ER4 Lite, ER4 and ZR4 series, which adopt LC or MPO optical ports and are compatible with IEEE802.3bm,

Intel® Ethernet QSFP28 Optic

Intel® Ethernet QSFP28 Optics are an excellent choice for fiber systems in high-speed communications equipment. Both short range and long-range transceiver modules are available for maximum

100GBASE-LR4 QSFP28 10km SMF | €181 | EDGE

Enjoy full 60-month warranty coverage and a clear, hassle-free return policy. We've got your back with straightforward protection and no surprises. Our products go

Pluggable Transceivers

P/SFP+/QSFP28 is used. For more information, refer to the data sheet o All transceivers (customized and not customized) have been tested by RAD and approved as being compatible with other RAD

Dell networking transceivers and cables

Dual 100GbE solutions To maximize front panel density, some Dell switches support QSFP28- DD (double density) modules which transport two 100GbE data streams while consuming the same face

A New Generation of 100G Pluggable Optics Starts with

Learn how to future-proof your investment as the optics industry transitions to new 100G pluggable form factors. The QSFP28 100G FR is a new

Juniper 740-058734 QSFP-100GBASE-SR4 100GBASE-SR4 850nm

Juniper 40GE QSFP+ SR4 Pluggable Optics module, 740-046565 Juniper 100GBASE-LR4 QSFP28 pluggable module, sinusupportahan lamang ang Ethernet rate, 740-058732 Mga Popular na Produkto

FTLC1151RDPL Finisar QSFP28 FTLC1151RDPL 100GBASE-LR4 Optical Modules ...

Fiber Optic Transceivers Connector Type LC Power Source AC 100-240V Use For 100G Ethernet Network Wired LAN, 4 G Model Number FTLC1151RDPL Brand Name Finisar Place of Origin

Comprehensive Guide to QSFP - MapYourTech

QSFP-DD doubles the electrical interface to 8 lanes while maintaining backward compatibility with QSFP28 modules (using 4 of the 8 lanes). This

100G QSFP28 Cable and Transceiver Modules Data Sheet | FS

The QSFP28-BIDI-100G Module supports link lengths of up to 75m (100m/150m) over OM3 (OM4/OM5) Multimode Fiber with duplex LC connectors. It complies with the QSFP28 MSA and IEEE 802.3bm

All About QSFP Cables, Connectors, and More

QSFP28 is a QSFP module that is designed for 100G applications and offers four channels with data rates ranging from 25 Gb/s up to 40 Gb/s.

SFP vs. QSFP: Differences, Use Cases, and How to Choose

SFP modules rarely exceed 1.5 W, allowing fanless or low-airflow switch designs. QSFP28 modules routinely operate at 3.5–5.5 W, requiring high-efficiency airflow management. QSFP-DD coherent

## Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://saastisfy.fr>

Email: [sales@saastisfy.fr](mailto:sales@saastisfy.fr)

Phone: +33 6 52 81 47 39

Address: 75 Rue de Rivoli, 75001 Paris, France

This document is for informational purposes only. Specifications subject to change without notice.

