

Inquiry about 100G optical transceiver module



Overview

Modern data centers rely on high-speed optical links, and 100G optical transceiver modules (especially the QSFP28 form factor) are now foundational for this connectivity. 100G transceivers convert electrical signals to laser light over fiber, enabling top-of-rack switches to connect. FS offers a growing portfolio of 100G QSFP28 modules. The 100G QSFP28 module solution provides high-performance 100GbE connectivity for data centres, enterprise core & distribution layers, computing networks and service provider applications. 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. In this guide, we provide a comprehensive, practical overview of 100G QSFP28 modules, covering their working principles, module types, key specifications, typical applications, and a step-by-step selection framework to help you make confident, informed decisions for your network. The 100G QSFP28 ZR DCO, which achieves 600km transmission (when using. QSFP28 is the main form factor for 100G optical modules. It features low power consumption, high port density, compact size, and cost efficiency. This article reviews QSFP28 module types and key WDM technologies like CWDM and DWDM.



Article Content

Aug 16, 2025

Optical Transceivers | Coherent

Get the pluggable module performance you need from the manufacturer of choice for all major networking equipment vendors worldwide.

Nov 08, 2025

100G QSFP28-LR4 10km 1310nm Optical Transceiver/Optical Module

Buy low price 100g Qsfp28-lr4 10km 1310nm Optical Transceiver/optical Module by Guilin Tryin Technology Limited Company, a leading supplier from China. 2848 similar products are also

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A Comprehensive Guide to 100G Optical

A 100G optical transceiver module is an optical-electrical interface that supports 100 Gbps Ethernet, InfiniBand EDR, or Fibre Channel. The QSFP28 (Quad Small

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Overview of 100G Optical Modules and Modulation

It transmits four optical signals and multiplexes them into a single channel using a WDM device to achieve 100G optical transmission. The module

Feb 22, 2026

10G DWDM SFP+ Transceivers 40KM 16dB EML C-Band 50GHz

All modules satisfy class I laser safety requirements. Digital diagnostics functions are available via a 2-wire serial interface, as specified in SFF-8472, which allows real-time access to device operating

Dec 24, 2025

Next-Generation Connectivity: The Rise of 800G OSFP 2*FR4 Optical ...

Discover the details of Next-Generation Connectivity: The Rise of 800G OSFP 2*FR4 Optical Transceivers in AI Data Centers at LonRise Equipment Co. Ltd., a leading supplier in China

Jan 12, 2026

Hot Pluggable 10G SFP+ AOC Cable Active Optical Cable OM2

GEZHI-AA18MX-XXX SFP+ Active Optical Cable (AOC) is a 10Gbps solution that allows you to connect to 10G Ethernet and data centers. With support of MMF, this integrated cable can transmit 10Gbps

Jun 03, 2026

Growth Roadmap for 100G Optical Transceivers Market 2026-2034

Pricing for 100G optical transceivers has shown a downward trend due to increased competition and manufacturing efficiencies. However, advanced components and higher data rate

Sep 08, 2025

Advanced Connectivity: The Evolution of 800G QSFP-DD DR8 MPO ...

Discover the details of Advanced Connectivity: The Evolution of 800G QSFP-DD DR8 MPO Transceiver Modules in AI Data Centers at LonRise Equipment Co. Ltd., a leading supplier in China

May 07, 2026

40GBASE-SR Bi-Directional QSFP+ 850/900nm 100m DOM LC MMF Optical ...

40GBASE-SR Bi-Directional QSFP+ 850/900nm 100m DOM LC MMF Optical Transceiver Module(id:11616380), View quality 40G Bidi QSFP Transceiver, 40G SR BD, Qsfp Bidi Transceiver

Oct 27, 2025

100G QSFP28 Transceivers: Types, Specs and How to Choose

A complete guide to 100G QSFP28 transceivers covering types, specs, reach, compatibility, and how to choose the right module for data center and telecom networks.

Jun 18, 2026

QSFP28 Transceiver: Complete 100G Connectivity Guide (2026)

QSFP28 transceiver guide covering module types, pricing, compatibility, and deployment. Learn how to choose, deploy, and troubleshoot 100G QSFP28 optics.

Dec 17, 2025

Coherent Demonstrates Technologies for Next-Generation Pluggable ...

Coherent will showcase a comprehensive portfolio of next-generation pluggable optical technologies at OFC 2026, spanning 1.6T, 3.2T, and emerging architectures for 12.8T and beyond.

May 02, 2026

optical transceiver sfp+ 10g single mode module 1310nm 10km lc

Upgrade networks with our optical transceiver sfp+ 10g single mode module 1310nm 10km lc. This LC transceiver delivers effortless 10km connectivity for data centers and servers.

Feb 16, 2026

LR ER CWDW 100G QSFP28 Transceiver 1310nm 10km 20km 40km Optical ...

LR ER CWDW SFP Module Optical Transceiver 100G QSFP28 1310nm 10km 20km 40km Overview The GZ-QSFP28-ER4 is a transceiver module designed for 40km with FEC (30km without FEC) optical

Apr 08, 2026

100G QSFP28 Optical Transceiver Module (id:11667949) Product

100G QSFP28 Optical Transceiver Module(id:11667949), View quality 100G QSFP28, OPTICAL TRANSCEIVER, QSFP MODULE details from III-V Technology Shenzhen Co., Ltd storefront on

Mar 16, 2026

100GBASE QSFP-100G Modules Data Sheet

The Cisco QSFP 100-Gb SR1.2 Bi-Directional (BiDi) transceiver is a pluggable optical transceiver with a duplex LC connector interface for short-reach

May 05, 2026

Global Procurement Inquiry Optical Transceiver Modules

We are currently sourcing high-performance optical transceiver modules for telecom and data communication networks.

Oct 29, 2025

100G Transceivers and Cables

JTOPTICS® 100Gb/s transceiver module designed for optical communication applications compliant to 100G 4CWDM 10 MSA. The module converts 4 input

May 25, 2026

100G transceivers

Choosing the right 100G transceiver matters for network stability, cost, and future upgrades. This guide explains what they are, how they work, and what

Dec 26, 2025

100G QSFP-DD DCO : Optical Transceiver Module | NEC

NEC's 100G QSFP28 ZR DCO is a pluggable optical transceiver designed specifically for 100G, featuring a QSFP28 form factor that enables low power

Sep 15, 2025

100G QSFP28 Transceiver Modules | Optical Transceivers

The 100G QSFP28 module solution provides high-performance 100GbE connectivity for data centres, enterprise core & distribution layers, computing networks and service provider applications.

Dec 13, 2025

QSFP 100G DR Guide for High-Speed Data Center Connectivity

Understanding QSFP 100G DR Technology A QSFP 100G DR transceiver is a hot-pluggable optical module designed to deliver 100 Gigabit Ethernet connectivity over single-mode

Sep 25, 2025

NSComm100G Optical Transceiver Modules: A Practical Guide

Selecting the right Optical Transceiver Module isn't just about reach and wavelength—it's also about the support you get after deployment. Here's how NS stacks up against OEM vendors and

Feb 07, 2026

QSFP-DD-400G-SR4 Optical Transceiver 1. Summary

Discover the details of QSFP-DD-400G-SR4 Optical Transceiver 1. Summary at LonRise Equipment Co. Ltd., a leading supplier in China for Optical Transceiver Module and SFP Optical

Jul 12, 2025

400G CFP2 DCO Optical Transceiver Module

400G CFP2 DCO Optical Transceiver Module(id:11729016), View quality 400G CFP2 Module, 200G CFP2 Module, 100G CFP2 Module details from Guangzhou Ruid Ele-tech CO., LTD storefront on

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