

Swedish optical module 100G



Overview

The STC-QSFP28-100KM-EZR is a high-performance 100G optical transceiver designed for ultra-long haul data transmission. Supporting transmission distances up to 100 kilometers over standard single-mode fiber (SMF), it utilizes LAN-WDM wavelengths and requires host-side Forward Error Correction (FEC). FS offers a growing portfolio of 100G QSFP28 modules. Click to get your 100GBE transceiver modules from nearby. Our 100G QSFP28 transceivers, including BIDI variants, provide high-speed, low-latency connectivity for data centers, enterprise networks, and telecom applications. Designed for efficiency and reliability, these compact modules support both bidirectional and standard fiber or copper connections. QSFP28 is a newly popular transceiver form factor defined by SFF Committee SFF-8636 and SFF-8665. As the upgraded version of QSFP+, it supports a higher speed of 100G or 112G. It features low power consumption, high port density, compact size, and cost efficiency.



Article Content

Sep 06, 2025

100g light module characteristics and application

These modules are used in a variety of applications, including data centers, telecommunications networks, and high-performance computing environments. In this article, we will

Mar 18, 2026

100G QSFP28 BIDI 10KM

Overview The STC-90012-100G-BIDI-10KM is a premium-grade 100G QSFP28 BIDI transceiver designed for high-speed, long-range 100 Gigabit Ethernet and data center interconnect (DCI)

Apr 26, 2026

QSFP28-100G-ZR-P 100km Optical Transceiver Module

TARLUZ QSFP28-100G-ZR-P optical transceivers are high-performance, pluggable, four-channel QSFP28 optical modules designed for linkage of 100Gbps Ethernet

Sep 26, 2025

100G Transceiver Types & Wavelengths Guide 2025

Complete guide to 100G transceiver wavelengths, reach distances & applications. Compare SR4, CWDM4, LR4, ER4, PSM4, DR, FR & LR optical

Sep 05, 2025

10G-SFP+ SR 850nm 300M

The STC-10G-SR is a short-range 10G SFP+ SR optical transceiver designed for high-speed 10 Gigabit Ethernet transmission over multimode fiber (MMF). Operating at 850nm wavelength and supporting

Mar 15, 2026

100GBASE Optical Transceivers and Cables Portfolio | FS

The series of product adopts LC or MTP/MPO connector and operates over Single Mode or Multimode optical fiber. They can be used for connections from 100m up to 80km and are suitable for 100G

Feb 01, 2026

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.

May 18, 2026

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

Sep 09, 2025

Understanding the 100g SFP-DD: Revolutionizing

The 100g optical transceiver module is a significant milestone in the evolution of technology in fiber optic communication. It is designed to employ a

May 18, 2026

800G-FR4 – OSFP224 2km Transceiver

The 800G-FR4 OSFP224 Optical Transceiver Module leverages advanced silicon photonics and EML technology to provide ultra-high-speed data transmission. - EN

Jan 05, 2026

High-Speed Opto Modules

Discover high-performance Opto Modules for reliable and fast data transmission. Explore our range of optical transceivers designed for seamless communication NS - EN

Oct 26, 2025

Europe 100G Optical Module Market 2024

Europe 100G Optical Module Market size was valued at US\$ 723.4 million in 2024 and is projected to reach US\$ 980.56 million by 2030, at a CAGR of 5.2%.

Aug 23, 2025

FS Community

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

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EPS Global — Global Solutions. Local Understanding.

EPS Global — leading franchised distributor for specialized IT components and semiconductors. 28 locations worldwide.

May 16, 2026

100G SFP112 Optical Module: High-Speed, Energy

Discover the 100G SFP112 optical module, leveraging advanced PAM4 modulation for 112 Gbps single-channel transmission. Ideal for data centers, telecom

Jul 19, 2025

100G and 100G BIDI | Syrotech

Designed for efficiency and reliability, these compact modules support both bidirectional and standard fiber or copper connections, ensuring smooth integration with your network.

Dec 09, 2025

100G QSFP28 SR4 LC 100M

100G QSFP28 SR4 LC 100M is a parallel 100Gb/s Quad Small Form-factor Pluggable (QSFP28) optical module. It provides increased port density & system cost - EN

Jul 04, 2025

10G SFP+ ER 1310nm 40KM

Product Overview The STC-10G-ER is an extended reach 10G SFP+ optical transceiver designed for long-distance single-mode fiber (SMF) applications. Operating at a wavelength of 1310nm, this high

Dec 23, 2025

100G Optical Transceiver,Optical Transceiver Module

FiberWDM 100G QSFP28 module solution can provide users with a variety of high-density,low-power 100 Gb Ethernet connection options.Professional fiber optic

Feb 06, 2026

100G QSFP28 - Optcore

Optcore 100G QSFP28 provides 100GBASE-SR4, IR4, LR4, ER4, ZR4, PSM4, DR, FR, and BiDi variants. Save up to 80%, Fast Shipping, 3-Year Warranty.

Nov 22, 2025

100G QSFP28 Transceivers with 100% In-house Tested for Compatibility

LSOLINK's 100G QSFP28 optical modules 100gbase SRBD, SWDM4, SR4 and LR4 transceivers for InfiniBand and Ethernet connectivity solution.

Oct 17, 2025

100G Optical Module Introduction: Understanding Its

A 100G optical module, also known as a 100G optical transceiver, is a critical component in modern fiber optic networks. It is designed to support high

Jun 24, 2026

A Complete Guide to Selecting 100G QSFP28 Optical

Choose the best 100g qsfp28 optical transceiver for your network by comparing compatibility, distance, fiber type, and future-proofing options.

Jul 23, 2025

100G Optical Transceiver

Explore the details, specifications and video of our 100G Optical Transceiver, and order high-quality 100G Optical Transceiver from our factory directly at

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100G Optical Module in the Real World: 5 Uses You'll ...

The 100G optical module has become a cornerstone in high-speed data transmission. As digital infrastructure expands, these modules enable faster, more reliable connectivity across various

Aug 19, 2025

100G QSFP28 BIDI 10KM

Utilizing PAM4 signaling and a simplex LC connector, this module delivers 10km reach over single-mode fiber (SMF) using 1271nm and 1331nm wavelengths. Fully compatible with Cisco,

Jan 22, 2026

Optical module design resources | TI

Design requirements Modern optical module designs often require: Reduced power consumption to control and limit module temperature rise. Dynamic and precise control of laser diodes to regulate

May 23, 2026

Sweden SFP Optical Transceiver Module Market Outlook 2025

Europe SFP Optical Transceiver Module Market was valued at USD 0.90 Billion in 2022 and is projected to reach USD 1.

Contact Us

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