

# Sudan QSFP28 optical module 40G



## Overview

This BiDirectional (BDSR) optical module transmits 40Gbps over a single pair of standard multimode fiber via a Duplex LC interface. Eliminating the need for expensive MPO cable upgrades, it provides an instant, plug-and-play 10G-to-40G migration path for distances up to 100m or 150m. Enter the 40/100G SWDM4 module, a game-changing solution that combines dual-rate compatibility with the efficiency of Short Wavelength Division Multiplexing (SWDM) technology. This compact yet powerful module offers a wealth of benefits, from increased bandwidth capacity to cost-effective. WolonFiber manufactures strictly MSA-compliant 40G QSFP+, 50G SFP56, and 50G QSFP28 optical interconnects optimized for mission-critical telecommunications and campus deployments. This module, designed in a parallel Quad Small Form-factor Pluggable (QSFP28) Bi-Directional format, efficiently integrates four host electrical data streams into two optical. The QSFP transceiver modules (Quad Small Form-factor Pluggable) represent a versatile and high-density family of optical transceivers. They are specifically engineered for high-performance data communication applications. In addition to its native 100G capability, QSFP28 also offers.

## Article Content

Sfp Module QSFP28 100G 1310nm 10km Transceiver Data Center Optic Module ...

Warranty Time 3 Years Product name SFP Module Type Fiber Optic Transceivers Connector Type LC / SC / MPO Max Data Rate 155M 1.25G 10G 25G 40G 100G 400G Single package size 10X5X2 cm

Optical Modules Market Research Report 2034

Optical Modules Market Outlook 2025-2034 The global optical modules market was valued at \$14.8 billion in 2025 and is projected to reach \$39.6 billion by 2034,

QSFP28 100G: Interoperability with 40G, 25G, and 10G

In addition to its native 100G capability, QSFP28 also offers backward compatibility with lower data rate modules such as 40G, 25G, and 10G. This interoperability allows for flexible

Custom 50G QSFP28 Optic Transceiver | Long-Haul Reach | WolonFiber

Most QSFP28 ports can accept 40G modules (backward compatibility), but 40G ports cannot accept 50G/100G QSFP28 modules. Q: Why does the ZR version of this module draw 6W? A: The high

Active Optical Cables (AOC) | High-Speed Connectors

Active Optical Cables (AOC) Explore Amphenol's high-speed Active Optical Cables designed for data centers, HPC, telecom, and storage systems

40/100GBASE-SM4 SWDM4 QSFP28 Dual Rate 4 x

40/100GBASE-SM4 SWDM4 QSFP28 Dual Rate Optical Transceiver Module (Dual Rate, MMF, 850/880/910/940nm, 100m, LC, DOM) The 40/100GBASE-SM4

Selecting the Perfect 100G Optical Module Packaging:

100G optical module have emerged as essential components in the fast-paced world of data centers and network communications,. With a plethora of

How to Choose the Right Optical Transceiver in 2025

Learn how to select the right optical transceiver for your switch or router. Compare SFP, SFP+, QSFP28, Cisco SFPs, and Huawei modules with

Custom 40G QSFP+ and 50G SFP56/QSFP28 Modules

WolonFiber manufactures strictly MSA-compliant 40G QSFP+, 50G SFP56, and 50G QSFP28 optical interconnects optimized for mission-critical telecommunications and campus deployments.

Cisco 40GBASE QSFP Modules Data Sheet

This module can be used for native 40G optical links over 12-fiber ribbon cables with MPO/MTP connectors or in 4x10G mode with parallel-to-duplex fiber breakout cables for connectivity

25G/40G/50G/100G Optical Transceiver Modules | FiberMall

FiberMall offers 25G SFP28/40G QSFP+/100G QSFP28 Transceiver Modules designed with form factor, optical/electrical connection, and digital diagnostic interface.

Wholesale Optical Transceivers Module | 100G

Shop high-speed optical transceivers from Unitekfiber. We offer 100% compatible 40G, 100G, and 400G QSFP-DD modules for data centers. Expert technical

QSFP, QSFP+, and QSFP28: What You Need to Know

There are two main types of QSFP28 transceiver: QSFP28-100G-SR4 is a 100 Gigabit per second (Gbps) Ethernet optical transceiver module that

What is QSFP & QSFP+ Transceiver: An Ultimate Guide

The critical difference is the supported data speed. As its name suggests, QSFP28 supports 4x25G or 4x28G data rates, while the QSFP+ only

QSFP28 100G: Interoperability with 40G, 25G, & 10G

Overview of QSFP28 Optic Types Last Updated: November 2, 2022 A 100G QSFP28 optic fiber module is a hot-pluggable transceiver module with a

Connection Schemes for Optical Module and Fiber Patch Cord

40G QSFP SR4 optical module operates at a wavelength of 850nm, using MPO connectors, and pairs with OM3 multimode fiber patch cords for distances up to 100M and OM4

Customized 40/100GBASE-SWDM4 BiDi QSFP28 Transceiver

Customized 40/100GBASE-SWDM4 QSFP28 Optical Transceiver Module (850nm & 900nm MMF 100m LC DDM) The Customized 40G/100G QSFP28 BIDI module is a versatile optical solution, supporting

Custom 50G QSFP28 Optic Transceiver | Long-Haul Reach | WolonFiber

A 40G QSFP+ port cannot handle the high-frequency 25G/lane or 50G PAM4 electrical signaling required by this qsfp28 module. Q: People often ask, is qsfp28 compatible with qsfp+?

What is QSFP28 optical module and how it works

The full name of QSFP28 optical module is 100G optical module, which is one of the popular and mainstream 100G optical modules on the market. Due to its low power consumption and

## OEM & ODM 40G /100G QSFP+ QSFP28,OEM Fiber Optic

It is an industry format jointly developed and supported by many network component vendors, allowing data rates from 40 Gbit/s or 100 Gbit/s. The QSFP-40G-SR4 is a high-performance optical

## QSFP Transceiver Modules | 40G, 100G, 400G QSFP+, QSFP28

Shop a complete range of reliable QSFP transceiver modules. Find compatible QSFP+, QSFP28, and QSFP-DD optics for data rates from 40G to 400G and beyond. Engineered for data centers and

## SFP Module Prices Comparison by Top 5 SFP

SFP modules have been in large demand in data centers with the continuous development of optical communication. Also, the SFP module type

## QSFP28 SR4 Optical Transceiver Module Overview

Explore FS QSFP28 SR4 optical transceiver with low power consumption, perfect compatibility, and reliable performance for efficient data

## Huawei OPTICAL TRANSCEIVER SINGLE-MODE MODULE Price

Huawei OPTICAL TRANSCEIVER SINGLE-MODE MODULE price from Huawei price list 2022, Huawei router price, Huawei switch price

## 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,

## 40G and 100G Compatible Rate QSFP28 SWDM4

10Gtek's 40G/100G QSFP28 SWDM4 transceiver modules are designed for use in 40G/100G Ethernet links over duplex multimode fiber. Four channels/lanes in the

## 40G QSFP+/100G QSFP28 | Carritech Optics

The 40G QSFP+/100G QSFP28 transceiver category offers state-of-the-art optical modules optimised for ultra-fast data transmission at 40Gbps and 100Gbps,

## Contact Us

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