

Overseas Warehouse Receipt Fiber Bidirectional QSFP28



Overview

The STC-QSFP28-BIDI-30KM is a high-performance 100G transceiver module using BiDi (Bidirectional) transmission technology, enabling simultaneous sending and receiving over a single fiber strand. Whether it's building a network or upgrading an existing network, the Cisco® QSFP-100G-B20U4-I and QSFP-100G-B20D4-I transceivers provide 100G connectivity for platforms at up to 20km on single SMF (Single Mode Fiber). The module converts 4 input channels of 25Gb/s electrical data to 4 channels of LAN WDM optical signals and then multiplexes them into a single channel for 100Gb/s optical. SAXONBURG, PA, September 26, 2025 (GLOBE NEWSWIRE) – Coherent Corp. (NYSE: COHR), a global leader in photonics, announces the industry's first QSFP28 Dual Laser 100G ZR solution that enables broadband providers to efficiently maximize capacity on existing fiber infrastructure. Operating at wavelengths of TX: 1304. 14nm, this module supports distances up to 30km.



Article Content

100G BIDI QSFP28 Optical Transceivers for Long-Reach Networks

The 100G BIDI QSFP28 optical transceiver (also called a 100G QSFP28 BIDI module or 100G QSFP28 single fiber transceiver) is a high-performance optical module that sends and receives

100G QSFP28 BIDI 30KM

The STC-QSFP28-BIDI-30KM is a high-performance 100G transceiver module using BiDi (Bidirectional) transmission technology, enabling simultaneous sending and receiving over a single fiber strand.

100GBASE-BX20-U QSFP28 BiDi 1280nm-TX/1310nm

100GBASE-BX20-U QSFP28 BiDi 1280nm-TX/1310nm-RX 20km DOM Simplex LC/UPC SMF Optical Transceiver Module for FS Switches, Product

QSFP-100G-SR1.2 QSFP28 100GBASE-SR BiDi

QSFP-100G-SR1.2 BiDi is a parallel Quad Small Form-factor Pluggable (QSFP28) Bi-Direction optical module that supports 100 Gbps bit rates. The module

QSFP28 100G SR1.2 Bidirectional Transceivers

Service providers migrating to 100G are finding BiDi QSFP28 options & 100G cabling limited and cost-prohibitive. With SR1.2 bidirectional (BiDi)

QSFP-100G-PSM4 100GBASE-PSM4 QSFP28 1310nm 500m

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Overview of QSFP28 LR4 Optical Transceiver

Discover FS's QSFP28 100G LR4 optical transceiver, offering low power consumption, perfect compatibility, and reliable long-distance

HPE 100Gb QSFP28 Bidirectional Transceiver

Supports optical fiber cable for durable performance, minimal signal loss, and fast data transfers to greater distances Typically used for short distance, multi-mode fiber optic is ideal to carry data and

AFBR-89CDHZ QSFP28 Pluggable, Parallel Fiber-Optic Module

Description The Broadcom® AFBR-89CDHZ is a four-channel, pluggable, multimode, fiber optic QSFP28 transceiver for 100 Gigabit Ethernet (GbE) applications. The transceiver is a high

Complete Guide to 100G QSFP28 Optical Transceivers

100G QSFP28 PSM4 The 100GBase QSFP28 PSM4 transceiver supports connections up to 2km over single-mode fiber and uses non-standard

100GBASE-SR Bi-Directional QSFP28 850nm 100m DOM LC MMF

The 100GBASE-SR Bi-Directional QSFP28 transceiver is a pluggable optical transceiver with a duplex LC connector interface for short-reach data communication and interconnect

The Latest Research on 100G QSFP28 and SFP112

100G QSFP28 and SFP112 Optical Modules FiberMall considers 100G and other rates for next-generation 5G forwarding optical modules, but the

100Gb/s QSFP28 ZR4 BIDI 80km

The SULITON fiber optic sfp 100g provides an excellent solution for high reliability, lower power consumption and excellent EMI performance allow system design

100G QSFP28 BiDi : Optical Transceiver Module | NEC

NEC's 100G QSFP28 BiDi optical transceiver enables the transmission and reception of 100Gb/s high-speed data over a single optical fiber. By enabling

Bi-Directional Optical Transceiver | NEC Corp. of

The 100G QSFP28 ZR4 BiDi from NEC Corporation is a single-fiber bi-directional optical transceiver for data center applications.

Understanding 100G Single Fiber QSFP28 Module for

100G single fiber QSFP28 modules enable fast, cost-effective network upgrades using one fiber strand, ideal for scalable modern data centers.

100GBASE-BX10-D QSFP28 BiDi 4 x 25G NRZ

The FS Compatible QSFP28 transceiver provides 100GBase-BX throughput up to 10km over single-mode fibre (SMF) using a wavelength of 1331nm-TX/1271nm

100GBASE-SR Bi-Directional QSFP28 850/900nm

These modules are designed to operate over multimode fiber systems using nominal wavelengths of 850nm and 900nm. The electrical interface uses a 38

Comprehensive Guide to 100G BIDI QSFP28

Unlike traditional transceivers that require two fibers (one for transmitting and one for receiving), the 100G BIDI QSFP28 uses bidirectional

100GBASE-LR4 QSFP28 1310nm 10km Transceiver Datasheet | FS

The QSFP28 module provides 100GBase-LR4 throughput up to 10km over a standard pair of single mode fiber (SMF) with duplex LC connectors. This transceiver is compliant with SFF-8661, SFF

100G BiDi QSFP28 80km Side B | €1,802 | EDGE

The BIDI-100G-QSFP28-80B is the Side B module of EdgeOptic's 100G BiDi QSFP28 80 km transceiver pair. It transmits on four LAN WDM lanes (1295.56,

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

100G BiDi QSFP28 150m | Single Fiber MMF

EDGEOPTIC 100G BiDi QSFP28: 150m OM5 MMF single fiber, 850/900nm, 1.9dB budget, 106.25 Gbps. LC simplex connector, also supports 40G QSFP operation.

100G Over Single Fiber, Simplified

Introducing the QSFP28 100G Bidi Product Family Last Updated: April 11, 2025
Upgrading from 10G to 100G no longer requires complex fiber

Understanding the 100G LR4 Transceiver for Modern

The QSFP28 100G LR4 optical transceiver remains an indispensable component for delivering cost-effective, high-bandwidth connectivity over

Industry's First 100G ZR QSFP28 for Bi-Directional

Coherent announces the industry's first QSFP28 Dual Laser 100G ZR solution that enables broadband providers to efficiently maximize capacity on existing fiber

Bi-Directional Optical Transceivers

Bidirectional Transceivers Approved Networks" bi-directional (BiDi) transceivers are designed to optimize optical networking by enabling simultaneous data transmission in both directions over a single strand

Contact Us

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