

Quality Guaranteed Single-Fiber Bidirectional QSFP-DD



Overview

TE Connectivity's (TE) QSFP-DD (quad small form-factor pluggable double density) doubles the density of QSFP interconnects with an eight-lane electrical interface capable of 28 Gbps NRZ or 56 Gbps PAM-4 to achieve 200 or 400 Gbps aggregate per port. The Cisco ® family of QSFP-DD modules provide the industry's highest bandwidth density while leveraging the backward compatibility to lower-speed QSFP pluggable modules and cables. The Cisco 400GBASE Quad Small Form-Factor Pluggable Double Density (QSFP-DD) portfolio offers customers a wide variety. S+31DLC10D is a reliable, industrial-grade 10G SFP+ module designed for long-distance single-mode links up to 10 km. It operates on 1270 nm (TX) / 1310 nm (RX) wavelengths and uses a standard LC connector. The module integrates cooled 4 × 25. Our 400GBASE-SR4. 2 BiDi QSFP-DD transceiver enables fiber-efficient high-capacity short-reach connectivity. Supporting 150m over OM5 multimode fiber using bidirectional 850/908nm wavelengths, this module delivers 2 dB link budget at 425 Gbps aggregate throughput.

Article Content

QSFP-DD CONNECTORS & CABLE ASSEMBLIES PRODUCT

Our QSFP-DD cages feature a proprietary heat sink design, making them the only solution to work in 15-18W applications at a low cost – providing superior thermal and signal integrity performance.

QSFP-100G-SR1.2 vs. QSFP28-BIDI-100G: Choosing

Explore the key differences between the QSFP-100G-SR1.2 and QSFP28-BIDI-100G. Learn how to select the best module based on fiber

Dual to Single Fiber Solutions | RAD BiDi QSFP28 DD Adaptor

Simple to deploy, this compact adaptor doubles fiber capacity while avoiding costly new fiber/transceiver deployments and frees up fiber for other services. 50% fiber savings with quick ROI. Any bit rate up:

QSFP-40G-SR-BD (Single-Fiber-Bidirectional Module)

This document provides an overall description of the CE5800& 6800& 7800& 8800 series switches hardware that versions earlier than V200R020C00, helping you obtain detailed information about

QSFP-DD (Double Density) Interconnect System and Cable Assemblies

QSFP-DD Interconnect System's 8-lane electrical interface transmits up to 28 Gbps NRZ or 56 Gbps PAM-4, up to 200 or 400 Gbps aggregate, with the same footprint as QSFP Interconnects, making

The Latest Research on 100G QSFP28 and SFP112

In application scenarios where fiber resources are relatively tight, single-fiber bidirectional optical modules can save 50% of fiber resources

P/N:QSFP-BX20-100G

The QSFP28 transceiver provides 100GBase-BX throughput up to 20km over single-mode fiber (SMF) using a wavelength of 1310nmTx/1280nmRx via an LC

QSFP28 100G BiDi Optics: Halve Your Fiber Capacity,

QSFP28 100G BIDI modules enable 100G Ethernet over duplex LC fiber, offering bidirectional transmission, compact size, and simplified cabling.

Quadwire® QSFP-DD Active Optical Cables | Coherent

Multichannel AOCs combining our vertically integrated VCSEL array technology with standard QSFP and SFP+ connectors. They feature low power consumption, low

Cisco 400G Digital Coherent Optics QSFP-DD Optical

Cisco now offers a range of all new 400G Digital Coherent QSFP-DD transceivers. Cisco already offers a range of Digital Coherent CFP2 transceivers

Cisco 400G Digital Coherent BiDi CFP2 Data Sheet

Single-fiber bidirectional communication with BiDi CFP2 DCO Cisco 400G Digital Coherent BiDi CFP2 also provides flexible modulation benefits. As in the case of other Cisco

Comprehensive Guide to QSFP – MapYourTech

QSFP transceivers combine four independent electrical channels into a single compact form factor, enabling scalable bandwidth from 40 Gbps to 1.6

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

Understanding the QSFP-DD Standard: The Foundation of 400G

The QSFP-DD was conceived by the QSFP-DD MSA group, including Cisco, Intel, Broadcom, and Mellanox (now NVIDIA). The goal was to enable 400G and 800G speeds within the

Cisco QSFP-100G-B20U4-I and QSFP-100G-B20D4-I

Bidirectional 100Gb on a single fiber Whether it's building a network or upgrading an existing network, the Cisco ® QSFP-100G-B20U4-I and QSFP

Cisco 100GBASE QSFP-DD 100G ZR Module Data Sheet

QSFP-DD 100G ZR transceiver Features and benefits The Cisco QSF-DD 100G ZR supports a 100GBASE-R client interface over an optical link

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.

Cisco 400G QSFP-DD Cable and Transceiver Modules

The Cisco® family of QSFP-DD modules provide the industry's highest bandwidth density while leveraging the backward compatibility to lower

100G BiDi QSFP28 SR1.2 150m | Single Fiber | EDGEOPTIC

EDGEOPTIC 100G BiDi QSFP28 SR1.2: 150m OM5 MMF single fiber, 850/900nm, 1.9dB budget, 106.25 Gbps PAM4. LC simplex connector for fiber-efficient data centers.

Comprehensive Guide to 100G BIDI QSFP28

The demand for high-speed, cost-effective, and fiber-efficient optical transceivers has surged with the growth of data centers, telecommunications,

100GBASE-BX80-U QSFP28 BiDi 4 x 25G NRZ 1270nm-TX/1310nm

It adopts a single-fibre bidirectional transmission method and requires single-mode fibre (SMF). It can typically operate stably over distances of up to 80km without the need for repeaters.

100G QSFP28 BiDi : Optical Transceiver Module | NEC

100G QSFP28 LR1 BiDi/ER1 BiDi /ZR4 BiDi NEC's 100G QSFP28 BiDi optical transceiver enables the transmission and reception of 100Gb/s high-speed data

100G QSFP28 Cable and Transceiver Modules Data Sheet | FS

The QSFP-FR-100G-29 Module is designed for use in 100GBASE Ethernet throughput up to 2km over single mode fiber (SMF) using a wavelength of 1290nm via duplex LC connectors.

MikroTik · SFP/QSFP

A 400-Gigabit QSFP-DD direct attach cable, 1m long. Enables easy direct connectivity between ultra-fast devices like the CRS812 and CRS804!

The Ultimate Guide to QSFP Cable: Everything You

QSFP56: Data Rates: Supports up to 200Gbps Cable Length: Supports distances up to 10km with single-mode fiber Connector Type: Similar to

Cisco 400G QSFP-DD Ultra Long Haul Coherent Optics

The high performance and low power of the 400G QSFP-DD ULH module make it an optimal choice to extend Routed Optical Networking use

40G BiDi QSFP+ 150m MMF | Two-Fiber | EDGEOPTIC

EDGEOPTIC 40G BiDi QSFP+ transceiver: 150m OM4 multimode fiber, 850/900nm wavelengths, 2dB link budget, 41.25 Gbps. Two-fiber 40G solution, 0-70°C.

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

Fiber-MART provide 100GBASE-SR Bi-Directional QSFP28 850nm 100m DOM LC MMF Fiber Transceiver with good price & quality! 100% Tested and Free Shipping! Contact Now!

Contact Us

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