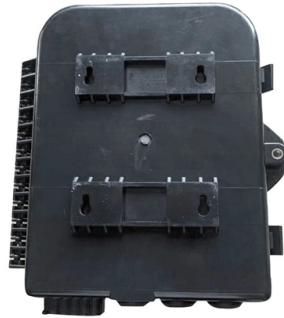


# Quality Guaranteed Single-Fiber Bidirectional QSFP-DD



## 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-Directional 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 QSFP-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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