

40G module with lc interface



Overview

40GBASE QSFP+ LR4, ER4 optical transceiver module The QSFP+ module is designed for use in 40GBASE Ethernet throughput up to 10km, 30km or 40km over single mode fiber (SMF) using a wavelength of 1310nm via duplex LC connectors. This transceiver is compliant with QSFP+ MSA and IEEE. The Cisco ® 40GBASE QSFP (Quad Small Form-Factor Pluggable) portfolio offers customers a wide variety of high-density and low-power 40 Gigabit Ethernet connectivity options for data center, high-performance computing networks, enterprise core and distribution layers, and service provider applications. It includes 40GBASE QSFP+ modules, 40G Converter modules, 40G DACs/AOCs and their breakout cables. It has four independent receive and transmit optical channels that can terminate to another 40G QSFP+ transceiver, or can. To meet the demand for higher-density high-speed pluggable solutions, the 40G QSFP+ optical module has emerged.



Article Content

Introduction to 40GBASE QSFP+ Optical Modules

The QSFP+ BIDI transceiver is developed to address the challenges of fiber infrastructure by providing the capability to transmit full-duplex 40G traffic

40G QSFP+ Cable and Transceiver Modules Data Sheet | FS

Product overview The 40G transceiver module portfolio offers customers a wide variety of high-density and low-power 40 Gigabit Ethernet connectivity options for data center, high-performance

QSFP+ 40G LR4 Explained: Your Ultimate Guide to

QSFP+ 40G LR4 enables high-speed, long-range data transfer for data centers, enterprises, and telecoms, supporting reliable 40G network growth

40G QSFP+ Optical Module Interfaces

The interface of the 40G LR4 QSFP+ optical module is LC duplex. It boasts advantages such as high density, high speed, large capacity, low cost, and low power consumption.

6 Common 40G QSFP+ Optical Module Models

6, 40G ER4 QSFP + optical module: the center wavelength of 1271nm, 1291nm, 1311nm, 1331nm, duplex LC interface, single mode, support for DDM, the operating temperature of 0 ° C ~ 70

40G Optical Transceivers and Cables Portfolio | FS

40GBASE Optical Transceivers and Cables Portfolio Product Overview The 40G transceiver module portfolio offers customers a wide variety of high-density and low-power 40 Gigabit Ethernet

Cisco 40GBASE QSFP Modules Data Sheet

The QSFP-40G-CSR-S is a pluggable optical transceiver with a duplex LC connector interface used for connectivity using MultiMode Fiber (MMF). The Cisco 40GBASE-CSR Modules support link lengths

40G QSFP+ Cable and Transceiver Modules Data Sheet | FS

40G QSFP+ Cable and Transceiver Modules Data Sheet Product overview The 40G transceiver module portfolio offers customers a wide variety of high-density and low-power 40 Gigabit

The Ultimate Guide to 40G QSFP+ Transceivers: Unlocking Scalable ...

As enterprise networks and data centers scale to accommodate increasing bandwidth demands, 40G QSFP+ transceivers have become a pivotal solution for high-density, high-throughput

In-Depth Guide to 40G QSFP+ Optical Modules, DAC,

40G optical modules are increasingly widely used in data centers. 40G optical modules can reach up to 40Gbps to help data centers relieve operational

Models, specifications, and compatibility

Models, specifications, and compatibility QSFP+ optical transceiver modules provide a transmission rate of 40 Gbps and use LC connectors.

40G QSFP+ Duplex LC SM Fiber Transceiver

The QSFP+ module is specifically designed for efficient use in 40GBASE Ethernet applications that require data transmission up to 10km over single mode fiber

Cisco 40GBASE QSFP Modules Data Sheet

Cisco QSFP 40G BiDi The Cisco QSFP 40-Gbps bidirectional (BiDi) transceiver (Figure 1) is a pluggable optical transceiver with a duplex LC connector interface for short-reach data communication and

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40G QSFP+ Transceiver Module Series include SR4, BIDI, CSR4, PIR4, LX4, IR4, LR4,PLR4 and ER4. The series of product adopts LC or. MTP/MPO connector and operates over Single Mode or

Cisco QSFP-40G-LR4 Compatible 40GBASE-LR4 and

FS for Cisco QSFP-40G-LR4 compatible QSFP+ optical transceiver provides

QSFP-40G-LR4: QSFP+ 40G LR4 Optical Module

Explore the QSFP-40G-LR4 a 40G LR4 single-mode module with CWDM for 10Km extension. Cisco compatible - buy now for high-bandwidth networks!

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1. 40GBASE Transceiver Module Series 40G QSFP+ Transceiver Module Series include SR4, BIDI, CSR4, PIR4, LX4, IR4, LR4,PLR4 and ER4. The series of product adopts LC or MTP/MPO

QSFP-40GB Transceivers Guide and Compatibility

The 40GBase-ER4 module can handle long distance transmission of data up to 40kms over SMF fiber with duplex LC connectors. It works by converting four 10G input channels to four CWDM optical

40G QSFP+ 10~40km transceiver

40GBASE QSFP+ LR4, ER4 optical transceiver module. The QSFP+ module is designed for use in 40GBASE Ethernet throughput up to 10km, 30km or 40km

QSFP-40GB Transceivers Guide and Compatibility

Conclusion In today's high-performance data network scenarios, 40G QSFP+ modules guarantee high-density, cost-effective and low-power 40G data transmission. Understanding the different 40G

POTN Network Architecture: Optical Modules, WDM & Cabling

Where Optical Modules and WDM Fit in POTN Optical modules convert the electrical interface of the POTN equipment into an optical signal for the fiber route. In practical projects, the

Panduit Cable Ordering Guide For Cisco 40G Optics

The QSFP-40G-BD-RX is a 40GbE pluggable optical module for use with link monitor hardware, such as Cisco Nexus Data Broker. Like the QSFP BiDi transceiver, it has a duplex MMF LC connector interface.

Contact Us

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