

Congo 40G Multimode Optical Module



Overview

The series of product adopts LC or MTP/MPO connector and operates over Single Mode or Multimode optical fiber. They can be used for connections from 150m up to 40km and are suitable for 40G Ethernet to Breakout to 10GBASE-SR Ethernet or Optical Transport Network OTU3. The QSFP+ module is designed for 40GBASE Ethernet throughput up to 10km over single-mode fiber (SMF) using a wavelength of 1310nm via duplex LC connectors. This transceiver complies with QSFP+ MSA and IEEE 802.3ba 40GBASE-LR4 and OTU3 C4S1-2D1 standards. ● Certified and tested on Cisco QSFP 40G ports for superior performance, quality, and reliability ● High-speed electrical interface compliant to the IEEE 802.3ba standard ● QSFP Form factor, 2-wire I2C communication interface and other low-speed electrical interface compliant to SFF 8436 and QSFP. The 40G transceiver module portfolio offers customers a wide variety of high-density and low-power 40Gigabit Ethernet connectivity options for datacenter, high-performance computing networks, enterprise core and distribution layers, and service provider applications. Boost your DCI optical modules speed today! 1. This is possible by simultaneously running four separate 10G channels and sum up the capacity into a single channel. The QSFP+ transceivers available on. An Optical Transceiver is a critical optoelectronic component that facilitates seamless electro-optical (E-O) and photo-electric (O-E) conversion within fiber-optic networks. Unitekfiber, a global optical transceiver wholesaler, provides a comprehensive portfolio of MSA-compliant.

Article Content

QSFP+ 40G ZR4 Optical Transceiver Module 80km

Asterfusion 40G QSFP+ ZR4 optical transceiver modules support 40GBASE-ZR4 Ethernet. QSFP+ 40G 80km optical modules are designed for Ethernet, 40G QSFP+

40G QSFP+ Applications The 40G SR4 QSFP-optical module is often used with the MPO/MTP connector, and can also be used with mTP/MPO to LC fiber jumpers

40G QSFP+ Optical Transceivers Complete Guide

How 40G QSFP+ optical transceivers boost performance in data centers and telecom networks. Learn about types, use cases, and cost-saving benefits.

Your Guide to 40GbE and 100GbE Optics

Here's Curvature's brief overview of the current 40GbE & 100GbE optics types & form factors for future high-performance Ethernet planning needs.

How to choose the 40G QSFP + optical module in the multimode

Nowadays, with the rapid development of science and technology and the continuous improvement of user's needs, 40G applications in the communications industry are becoming more

QSFP+ 40G transceivers

The newest wide adopted high speed interface for optical transceivers is the QSFP+ (Quad SFP+) that offers aggregated optical speeds of 40G. This is possible by the republic of Congo FS QSFP-LR4-40G SMF Optical Transceiver

The QSFP+ module is designed for 40GBASE Ethernet throughput up to 10km over single-mode fiber (SMF) using a wavelength of 1310nm via duplex LC connectors. This transceiver complies with

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 40Gigabit Ethernet

Panduit Cable Ordering Guide For Cisco 40G Optics

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

40G Optical Transceivers and Cables Portfolio | FS

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

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

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

What Is a 40G QSFP+ Module? A 40G QSFP+ module (Quad Small Form-factor Pluggable Plus) is a hot-swappable, fiber-optic transceiver designed to transmit data at 40 Gbps over

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

QSFP-40G-SWDM4 QSFP+ Optical Transceiver

TARLUZ 40G QSFP+ SWDM4 optical transceiver is designed for 40G links to reach up to 440m over Multimode Fiber (MMF). It is compliant with the QSFP+ MSA,

Fiber Optic Multimode Transceiver Market Size, Trends, 2026

The Fiber Optic Multimode Transceiver Market report offers an in-depth, data-driven analysis of the evolving landscape, emphasizing technological innovations, supply chain dynamics,

Data Center 40G and 100G Multimode Fiber

The 40G BiDi transceiver has two 20G optical channels that are bidirectionally transmitted and received over each fiber. This feature results in an aggregate

40G QSFP+ Optical Module Interfaces

Understanding the interfaces, types, and applications of 40G QSFP+ optical modules is crucial when selecting them. Additional Learning Hub Resources 40G QSFP+ AOC Active Optical

Panduit Cable Ordering Guide For Cisco 40G Optics

QSFP-40G-SR4 The QSFP-40G-SR4 module supports link lengths of 100 meters and 150 meters, respectively, on laser-optimized OM3 and OM4 multimode fibers. It primarily enables high-bandwidth

40G QSFP+ Optical Transceiver Modules | Solid Optics

40G QSFP+ optical transceivers available in multimode (100m & 300m) and single mode options (2km, 10km, 40km) and DAC cables, with a Lifetime Warranty.

40G QSFP Modules-Optical Transceivers

QSFP 40G SR4 BD The QSFP+ module is specifically engineered for 40GBASE Ethernet applications, supporting a throughput of up to 150m over OM4 multimode fiber (MMF) using a wavelength range

QSFP+ 40G SR4 optical module, multimode, 100m,

The QSFP+ full-duplex optical module offers 4 independent transmit and receive channels, each capable of 10Gb/s operation for an aggregate data rate of

40G 850nm Multimode MPO DCI Coherent QSFP Optical Module

Our 40G qsfp optical module is the key to a faster, more reliable future. Whether you are running a massive data center or a small industrial plant, these fiber optic modules will exceed your expectations.

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

40|100G Multimode Fiber Connectivity in the Data Center

Forty and 100G multimode fiber backbones are being deployed to facilitate data center 10G and 25G server connections. Multimode fiber enables the utilization of vertical-cavity surface-emitting lasers

40G QSFP+ Transceiver Modules | Optical

FS 40G QSFP+ optical transceiver module solutions offer a full range of QSFP+ modules from 150m to 80km reach, and used for high-density switching, routing

Cisco QSFP-40G-SR4 Datasheet

Cisco QSFP-40G-SR4 The Cisco 40GBASE-SR4 QSFP Modules support link lengths of 100 meters and 150 meters, respectively, on laser-optimized OM3, and OM4/OM5 multimode fibers. It primarily

Introduction of 40G BiDi QSFP+ dual fiber bidirectional

The above is the introduction of QSFP-40G-SR-BD optical module. Compared with QSFP-40G-SR4 optical module solution, it saves the cost of

40G QSFP+ BIDI LR4 10km 1310nm LC Connector

40G QSFP ER4 is a 4x10G hot pluggable optical transceiver. The Sourcelight Technology enables the integration of 4 transmitters, 4 receivers and an optical

6 Common 40G QSFP+ Optical Module Models

The transmission distance is up to 40KM. QSFP-40G-SR-BD Optical Module 7, 40G BIDI QSFP + optical module: the central wavelength of 850nm, 900nm, duplex LC interface, multimode,

Contact Us

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