

Georgia 40G Single-Mode Optical Module



Overview

The LR4 QSFP+ module provides a 40 Gb optical connection using LC optical connectors. 3125 Gbps up to 10 km using. It includes 40GBASE QSFP+ modules, 40G Converter modules, 40G DACs/AOCs and their breakout cables. 40G QSFP+ Transceiver Module Series include SR4, BIDI, CSR4, PIR4, LX4, IR4, LR4, PLR4 and ER4. 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. These. 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 simultaneously running four separate 10G channels and sum up the capacity into a single channel. It replaces four SFP+ modules and internally contains transmitter and receiver for 4x 10Gbps over up to 10km single-mode fiber G.



Article Content

10Km SFP+ Optical Module

This is a standard SFP+ optical module. It uses two single mode optical fibers and the speed rate can up to 10Gbps, transmission distance up to 10km. This

40G QSFP Modules-Optical Transceivers

QSFP 40G LR4 The QSFP+ optical module is specifically designed for 40GBASE Ethernet, supporting a throughput of up to 10km over single-mode fiber (SMF) with a wavelength of 1310nm through duplex

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

40G Optical Transceivers and Cables Portfolio | FS

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+ 40G transceivers

Product description The QSFP-4080-ZR4 is a long range single-mode 40G QSFP+ optical module compatible with the 40GBase-ZR4 specifications. It uses 4

Huawei QSFP-40G-LR4 compatible QSFP+ 40G

This QSFP+ is a transceiver module for 40Gbps and conforms to the QSFP+ MSA and IEEE 802.3ba 40GBASE-LR4 standard. It replaces four SFP+ modules and

Cisco 40GBASE QSFP Modules Data Sheet

The Cisco 40GBASE-ER4 QSFP Module supports link lengths up to 40km over G.652 single-mode fiber with duplex LC connectors. The 40GE or OTU3 signal is carried over four

QSFP-40G-ER4: QSFP+ 40G ER4 Optical Module

Explore the QSFP-40G-ER4 a 40G ER4 single-mode module with CWDM for 40Km extension. Cisco compatible - shop now for high-bandwidth networks!

40G Optical Transceivers and Cables Portfolio | FS

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

Single Mode

Teroline QSFP+ module for 40G Ethernet applications over single mode optical fiber. The module can be used with any network device that accepts standard MSA transceivers - e.g. D-Link, Zyxel,

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

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 either multimode or single-mode fiber.

ipolex 40 Gigabit QSFP+ LC Single-Mode Transceiver,

40GBASE-LR QSFP+ to LC Optical Gigabit Ethernet transceiver module, Single Mode, 1310nm, LC duplex connector, SMF, up to 10km. Wide

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

FS 40/100G QSFP28 SWDM4 Optical Transceiver

How to Upgrade the Rate of FS 40/100G SWDM4 Modules? When using a dual-rate 40/100G module in a 40/100G switch port (depicted by the

SFP-10G-ER 1550nm 40km DDM Optical Transceiver

What Is SFP-10G-ER 1550nm 40km DDM Optical Transceiver Module? SFP-10G-ER 1550nm 40km DDM Optical Transceiver Module CISCO, HUAWEI, H3C,

40G QSFP+ Optical Transceiver Modules | FiberMall

40G QSFP+ (Quad Small Form-factor Pluggable Plus) & BIDI Transceiver Modules enable a maximum of 40km optical transmission over multi-mode/single-mode fiber.

40 Gigabit QSFP+

Cisco QSFP-40G-LR4 Compatible QSFP+ Module - 40GBASE-LR4 - 40GbE Single Mode Fiber SMF Optic Transceiver - 40GE Gigabit Ethernet QSFP+ - LC 10km -

40G/100G single -mode single -core optical fiber module application

As data center and telecommunications networks continue to demand higher speeds and larger capacities, the need for high-speed optical fiber modules has become increasingly important.

SFP-10G-ER Explained: Powering 40km 10Gbps

SFP-10G-ER is a 10G SFP+ transceiver for up to 40km over single-mode fiber, featuring 1550nm wavelength, LC connector, and real-time monitoring.

6 Common 40G QSFP+ Optical Module Models

5, 40G LR4 QSFP + optical module: center wavelength of 1310nm, MPO interface, single mode, support DDM, operating temperature 0-70 degrees Celsius. Generally used with single-mode

Huawei 40GE Optical Modules

Huawei QSFP-40G-iSR4 40GBase-iSR4 Optical Transceiver, QSFP+, 40G, Multi-mode Module (850nm, 0.15km, MPO) 02310MHR

40G & 100G Transceiver Modules | Allied Telesis

40G Transceiver Modules QSFP+ Direct Attach Cables Suitable for in-rack connections between QSFP+ ports, on all QSFP+-compatible products.

QSFP 40G 1310nm 10km LC Transceiver

QSFP 40G 1310nm 10km LC Transceiver GLQ3L0C31 is designed to operate over single-mode fiber system using 4X10 CWDM channel in 1310 band and links up

QSFP-40G-LR4 40GBASE-LR4 QSFP+ Fiber

The QSFP-40G Series consists of Quad Small Form Factor Pluggable (QSFP) transceiver modules that are specifically designed for high-performance

Pluggable Transceivers Installation Guide

This optical module integrates four data lanes on separate CWDM wavelengths in each direction for 40 Gbps aggregate bandwidth. Each lane operates at 10.3125 Gbps up to 10 km using single-mode fiber.

Bulk Ethernet Cables: Cat5e, Cat6, Cat7 Bulk Cables

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

Fiber Optic Transceiver 40G QSFP+ Single Mode Optic

Fiber Optic Transceiver 40G QSFP+ Single Mode Optic Module ER4 40km 1310nm Wavelength LC A 40G transceiver module is an optical that

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.shangases.co.za>

Email: ekomedsolar@gmail.com

Phone: +86 13816583346

Address: No. 26 Heshun Middle Road, Economic Development Zone, Hai'an City, Jiangsu Province, China

This document is for informational purposes only. Specifications subject to change without notice.

