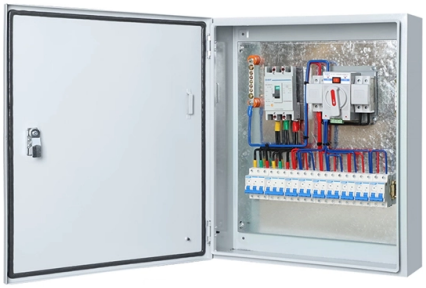
ZITHA TECH SPECIALTY CABLES (Pty) Ltd

40G Single-Mode Fiber Module



Overview

The QSFP-4010-LR4 is a long range single-mode 40G QSFP+ optical module compatible with the 40GBase-LR4 specifications. It uses 4 CWDM 10G lasers running 1271~1331nm and combining them in a built-in mux/demux. 3125Gbps for a total speed of 40G available on the. 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 00networks, enterprise core and distribution layers, and service provider. 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 and data center applications. For details of our compliance standards, click here.

Article Content

Cisco 40GBASE QSFP Modules Data Sheet

The Cisco 40GBASE-LR4 QSFP module supports link lengths of up to 10 kilometers over a standard pair of G.652 single-mode fiber with duplex LC connectors. The 40 Gigabit Ethernet

40G QSFP+ Transceiver Modules | Optical Transceivers

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 and data center applications.

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

In this article, we will discuss the application of 40G/100G single-mode single-core optical fiber modules, their advantages and limitations, and some considerations for their deployment.

QSFP 40G LR4 Transceiver: 10km Single-Mode Optical Solution

This guide focuses on how QSFP 40G LR4 works, where it fits best, how it compares to other 40G QSFP options, and how to choose the right module for your network, with an emphasis on

Jaringan Berkinerja Tinggi: Merendam dalam Cisco QSFP-40G-LR4

Modul ini membutuhkan Single-Mode Fiber (SMF), khususnya G.652. Menggunakan Multi-Mode Fiber (MMF) akan mengakibatkan peredupan sinyal yang ekstrim dan link tidak akan

direcXource Extreme Networks 40G-QSFP-PLRL4 Compatible

Extreme Networks 40G-QSFP-PLRL4 compatible optical transceiver is a parallel 41.2Gbps Quad Small Form-factor Pluggable QSFP+ module for use in 40GBASE Ethernet. QSFP+ PSM4L provides

Fiber Optic Patch Cables: The Complete 2026 Buyer''s Guide

Confused by LC, SC, MPO, UPC, and APC? This complete fiber optic patch cable guide covers connector types, single-mode vs multimode, insertion loss specs, and how to choose the right

Pluggable Optical Module Market Research Report 2034

The market share of single-mode modules is gradually increasing as data rates advance beyond 400G, where multi-mode fiber bandwidth limitations become more pronounced and single-mode solutions

FPV Optical Fiber Image & Data Module (SKY/GBD) — Single-Mode

Using single-mode fiber and FC connectors, it carries bidirectional image & control data (NTSC/PAL/SECAM; TTL / S.BUS) over 0–20 km without RF congestion, enabling reliable

Optical Transceivers / SFP Modules – High-Performance Compatible Fiber ...

Comprehensive Optical Transceivers & SFP Module for High-Speed Networks LINK-PP offers a full range of optical transceivers and SFP module for modern data centers, telecom networks, and

StarTech HP JD094B Compatible SFP+ Transceiver Module

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StarTech HPE JD094B Compatible SFP+ Module - 10GBASE-LR - 10GbE Single Mode (SMF) Fiber Optic Transceiver - 10GE Gigabit Ethernet SFP+ - LC 10km - 1310nm - DDM HPE 5900,

Custom 40G QSFP+ Parallel SMF Module | MPO Breakout

Enable bespoke 40G to 4x10G splitting. Wolon''s 40G QSFP+ Parallel SMF Module feature MPO connectors and custom laser tuning for massive single-mode deployments.

The 40GBASE-LR4 QSFP+ Transceiver: A Practical Guide to 40G

The 40GBASE-LR4 QSFP+ is a hot-pluggable 40G QSFP+ optical transceiver standard defined by IEEE 802.3ba, delivering 40 Gigabit Ethernet over single-mode fiber with a maximum

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

The QSFP-ER4-40G module is designed for use in 40GBASE Ethernet throughput up to 40km over single mode fiber (SMF) using a wavelength of 1310nm via duplex LC connectors.

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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