Iraq Long-Distance Optical Transceiver QSFP





Overview

The QSFP28 LR4 is a hot-pluggable, four-channel, and full-duplex optical transceiver module designed for long-distance transmission up to 10 km in the 100G Ethernet network with a working bandwidth of 1295nm to 1310nm. ● Hot-swappable input/output device that plugs into a 100G Gigabit Ethernet Cisco QSFP port. ● Interoperable with other IEEE-compliant 100GBASE interfaces where. 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. Equivalent to H3C QSFP-100G-LR4L-WDM1300 2. Duplex LC optical connector with Digital Diagnostic Monitoring 3. It provides an ideal solution for large-scale data centers for high-demand. 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.



© 2026 CJC FIBRE CONSULTANTS - All rights reserved

Article Content

Iraq H3C QSFP-40G-LR4-WDM1300 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

Iraq H3C QSFP-100G-LR4L-WDM1300 100G QSFP28 Transceiver

The 100G QSFP28 CWDM4 transceiver modules are designed for 100 Gb Ethernet links over single-mode fiber up to 2 km. It using a wavelength of 1310nm via a Duplex LC connector.

QSFP 40G 80km: Complete Guide to 40G Long-Distance Optics

Learn how QSFP 40G 80km transceiver work, Its specs, fiber requirements, use cases, and compatibility tips for long-distance 40G networks and DCI deployments.

FS QSFP28 LR4 Optical Transceiver: High-Speed, Long-Distance

The QSFP28 LR4 is a hot-pluggable, four-channel, and full-duplex optical transceiver module designed for long-distance transmission up to 10 km in the 100G Ethernet network with a

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

Starview Coherent 400G High Power QSFP-DDs are deployed for

Our modules ensure robust long-distance connectivity without the need for optical amplifiers, and helps the operator to meet their evolving demands for nationwide deployment.

Optical Transceiver

Shop high-speed optical transceivers from Unitekfiber. We offer 100% compatible 40G, 100G, and 400G QSFP-DD modules for data centers. Expert technical support & wholesale pricing.

40G QSFP+ Optical Transceiver

Explore the details, specifications and video of our 40G QSFP+ Optical Transceiver, and order high-quality 40G QSFP+ Optical Transceiver from our factory directly at competitive pricing.

40G QSFP+ Optical Transceiver | SR, LR, ER, ZR,

© 2026 CJC FIBRE CONSULTANTS - All rights reserved

Find high-density 40G QSFP+ optical transceivers compatible with Cisco, Huawei, Juniper, Arista, and more. Choose from SR, LR, ER, ZR for every network.

Iraq Multi-Mode Optical Transceiver Market (2025-2031) | Size

6Wresearch actively monitors the Iraq Multi-Mode Optical Transceiver Market and publishes its comprehensive annual report, highlighting emerging trends, growth drivers, revenue analysis, and

QSFP Transceiver: A Comprehensive Guide

Types of QSFP Transceivers: The diverse range of QSFP transceivers caters to various needs and distances: 40G QSFP+: Supports 40GbE over various distances: SR (Short Range): Up to 100m on

QSFP+ 40G LR4 Explained: Your Ultimate Guide to 40G Long-Reach Optics

Conclusion: Powering Your Network''s Future The QSFP+ 40G LR4 transceiver remains a vital and cost-effective solution for achieving high-bandwidth, long-distance links in modern data

A Deep Dive into the QSFP28-100G-ZR4 Optical Transceiver

QSFP28-100G-ZR4 transceiver enables 100G data transmission up to 80km using single-mode fiber, ideal for long-distance, high-speed network connections.

100G QSFP28 Explained: Key Features, Applications, and How to

100G QSFP28 (Quad Small Form-Factor Pluggable 28) is a compact, hot-pluggable optical transceiver designed for 100 Gigabit Ethernet (100GbE) applications. It is widely used in data

What is QSFP & QSFP+ Transceiver: An Ultimate

QSFP Transceiver Types Although there are many types available, we typically categorize them using various attributes. By Media Type QSFP

QSFP-40G-ER4 Demystified: Your Guide to 40Gbps Over 40km

QSFP+ 40G ER4 is a 40G transceiver for long-distance, high-speed links up to 40km, ideal for data centers and enterprise networks using single-mode fiber.

Comparing 100G QSFP28 Optical Transceivers

For long distance 100G transmission you would need a QSFP28 LR4 (where LR stands for Long Reach). This optical transceiver is designed for long-distance transmission up to 10km with

100G QSFP28 Distance Guide: MMF & SMF Range Comparison

© 2026 CJC FIBRE CONSULTANTS - All rights reserved

Complete guide to 100G QSFP28 transceiver distances. Compare multimode (70m-500m) vs single-mode (2km-100km) options for network planning.

Contact Us

Continue your research online:

Website: https://cjcconsultants.co.za
Technical inquiry: https://cjcconsultants.co.za/contact.html

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

© 2026 CJC FIBRE CONSULTANTS - All rights reserved