

Zimbabwe Imported Active Optical Module QSFP



AI Overview

QSFP (Quad Small Form-Factor Pluggable) modules are high-speed, hot-pluggable optical transceivers used in data centers and enterprise networks, available in 40G and 100G variants suitable for import into Zimbabwe.

Overview of QSFP Modules

QSFP modules are compact, high-density optical transceivers that combine four independent electrical channels into a single form factor, supporting scalable bandwidth from 40 Gbps to 400 Gbps and beyond depending on the generation (QSFP+, QSFP28, QSFP56, QSFP-DD) and modulation technology (NRZ or PAM4). They are widely used in Ethernet, InfiniBand, Fibre Channel, and SONET/SDH networks, providing flexibility for high-performance networking infrastructure.

Types and Specifications

40G QSFP Modules:

- QSFP-40G-SR4-S: Supports 100–150 meters over OM3/OM4/OM5 multimode fiber with MPO/MTP connectors.
 - QSFP 40-Gbps BiDi: Duplex LC interface, supports reuse of existing 10G duplex MMF infrastructure, link lengths up to 150 meters.
 - Applications: Data center interconnects, high-density switching, and enterprise core networks.
- 100G QSFP Modules:...

Article Content

Jul 10, 2026

Spec Sheet

Active Optical Cables 40G QSFP+ Breakout Regional Availability - Global Siemon 40G QSFP+ to 4x SFP+ Breakout Active Optical

Mar 02, 2026

QSFP-DD Product Family » Acacia

Powered by Greylock and Delphi DSP ASICs, and silicon photonic integrated circuits (PICs) for an

Nov 03, 2025

Zimbabwe Multi-Mode Optical Transceiver Market (2024-2030 ...

6.1.6 Zimbabwe Multi-Mode Optical Transceiver Market Revenues & Volume, By QSFP+, 2020- 2030F 6.1.7 Zimbabwe Multi-Mode

Oct 12, 2025

QSFP28 Active Optical Cable | Optical Interconnect | Amphenol

Amphenol's 100G QSFP28 to QSFP28 Active Optical Cable assemblies are a reliable, cost and power efficient,

Apr 21, 2026

40G QSFP: The Core of Optical Network Interconnection

While SFP modules remain suitable for lower-speed applications, QSFP modules are designed for high-bandwidth

Mar 14, 2026

Zimbabwe Delivery Time High-Speed Optical Connection QSFP

BlazingFast Photonics delivers high-speed optical transceivers, silicon photonics, co-packaged optics, OSFP 1.6T modules, laser

Mar 12, 2026

40 Gb QSFP+ Direct-Attach Cables

These cables are available in lengths from 0.5 meter to 100 meters and are terminated in connectors that are inserted directly into

Nov 20, 2025

Imported Active Optical Module QSFP-DD

In this comprehensive guide, we will explore how QSFP DD works, why it has become a preferred optical module standard, and how

Jan 27, 2026

QSFP-40GB Transceivers Guide and Compatibility

QSFP+ 40Gb transceivers guide. Learn specs, compatibility, and benefits for efficient networking solutions.

Aug 13, 2025

Understanding Pluggable Optical Modules

QSFP-DD (Quad Small Form-Factor Pluggable-Double Density) optical module: It is a double-density four-channel small pluggable

May 08, 2026

40G QSFP+ Transceiver Modules | Optical Transceivers

Click to get your 40G QSFP+ transceiver modules from nearby warehouses. 30-Day Free Return. Trusted by 260K+ Enterprise Users.

Jul 27, 2025

40G QSFP+ Active Optical Cable Datasheet | FS

Description FS QSFP+ Active Optic Cables are a high performance, low power consumption, long reach interconnect solution

Aug 19, 2025

Global QSFP Optical Module Market Size, Share, Industry Growth ...

The QSFP (Quad Small Form-factor Pluggable) optical module market represents a critical segment within the

Aug 04, 2025

Cisco 400G QSFP-DD High-Power (Bright) Optical Module Data Sheet

Thanks to the miniaturization of the technology with a 7-nm manufacturing procedure and innovation in silicon

Mar 27, 2026

QSFP, QSFP+, and QSFP28: What You Need to Know About the

If you're looking for the most advanced optical module package on the market, look no further than QSFP. QSFP+ and

Oct 18, 2025

Ultimate QSFP Transceiver Guide: Types (40G/100G)

Confused by QSFP types? Decode the differences between QSFP+, QSFP28 (100G), and QSFP-DD.

Aug 08, 2025

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

Oct 22, 2025

QSFP Imports Under HS Code 85176290 | QSFP import price | Zaub

Information and reports on QSFP Imports Under HS Code 85176290 along with detailed shipment data, import price, export price,

Dec 07, 2025

Optical Transceivers

Optical transceivers have revolutionized data transmission, providing high-speed, long-distance, and secure data transmission

Apr 27, 2026

100G QSFP28 Transceiver Modules | Optical Transceivers

FS 100G QSFP28 module solutions provide various high-density, low-power 100 Gigabit Ethernet connectivity options for data

May 06, 2026

Understanding Pluggable Optical Modules

Optical modules are available in various types to meet diversified requirements. Classified by transmission rate Currently, the

Sep 21, 2025

Spec Sheet

QSFP+ 40G Siemon 40G QSFP+ Active Optical Cable (AOC) assemblies offer a highly reliable and cost-effective alternative to

Jan 15, 2026

The Ultimate Guide to QSFP Cables: What You.

For a technical overview, you can refer to Cisco's official QSFP transceiver module

Sep 22, 2025

What is QSFP & QSFP+ Transceiver: An Ultimate Guide

In recent years, with the increasing demand for data centers and cloud computing, QSFP transceivers have become

Jan 02, 2026

Wholesale Optical Transceivers Module | 100G QSFP28, 40G QSFP

Shop high-speed optical transceivers from Unitekfiber. We offer 100% compatible 40G, 100G, and 400G QSFP-DD modules for data

Apr 12, 2026

40Gb/s QSFP+ Active Optical Cables

Amphenol provides a series of 40G QSFP& #43;optical module products, including SR4, eSR4, IR4, LR4, ER4 lite,

Contact Us

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

Website: <https://ntmmgroup.co.za>

Email: sales@ntmmgroup.co.za

Phone: +27 82 471 2596

Address: Unit 7, Optic Park, 24 High-Tech Lane, Century City, Cape Town, 7441, South Africa

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

