

Direct Sales of QSFP-DD Optical Modules from Pakistan



Overview

Discover NADDOD's QSFP-DD transceivers and AOC/DAC cables supporting 800G/400G/200G Ethernet (RoCE).

Key Takeaways

QSFP-DD optical modules, including 400G and 800G types, are globally available, but direct sales from Pakistan are limited and typically rely on international distributors or local resellers.

Overview of QSFP-DD Modules

QSFP-DD (Quad Small Form Factor Pluggable Double Density) modules are high-speed optical transceivers designed for 400G and 800G Ethernet applications, widely used in data centers, cloud computing, and high-performance networks. They comply with IEEE 802.3bs standards and the QSFP-DD MSA specification, offering double-density interfaces for higher data transmission rates and multiple channels. The 400G modules are currently the most popular, while 800G modules are emerging rapidly due to increasing bandwidth demands.

Global Market and Key Suppliers

The global QSFP-DD market is projected to grow significantly, with a forecasted CAGR of 11-12% through 2030, driven by 5G deployment, AI, cloud computing, and hyperscale data centers. Leading manufacturers include:

- Cisco Systems
- Broadcom

- Lumentum
 - II-VI Incorporated
 - Huawei
 - Accelink Technologies
 - Zhongji Innolight These companies supply modules worldwide, often through authorized distributors or regional partners .
- Availability in Pakistan

While Pakistan does not have major QSFP-DD manufacturers, local IT and networking distributors may import modules from global suppliers. Businesses in Pakistan typically source QSFP-DD modules through:

- Authorized distributors of Cisco, Broadcom, or Lumentum
- Regional resellers in the Middle East or Asia
- Online B2B platforms that ship internationally Direct procurement from Pakistan-based manufacturers is limited, so most buyers rely on import channels to access 400G and 800G QSFP-DD modules.

Recommendations for Procurement

- Contact local networking distributors in Karachi, Lahore, or Islamabad who handle Cisco, Huawei, or Broadcom products.
- Engage with regional partners in Asia or the Middle East for bulk orders.
- Verify module specifications (400G vs 800G, single-mode vs multi-mode) to match your network requirements.
- Consider authorized resellers to ensure warranty and compliance with IEEE standards. By leveraging these channels, businesses in Pakistan can access QSFP-DD modules efficiently, even though local manufacturing is minimal.

Article Content

SFP+/QSFP Factories & Products in Pakistan

Our modules are 100% compatible with major brands used in Pakistan, including Cisco, Huawei, ZTE, Juniper, and HP, ensuring

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Global QSFP-DD Pluggable Optical Transceiver Modules Sales

QSFP-DD is a new module and cage/connector system similar to current QSFP, but with an additional row of contacts

40G QSFP+ Module Factory & Supplier for the Pakistan Market

For the Pakistan market, where ambient temperatures and power stability can be challenging, our 40G modules are engineered with

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The QSFP optical module market was valued at \$8.6 billion in 2025 and is projected to reach \$22.4 billion by 2034, growing at a

QSFP-DD Optical Transceivers for High-Speed Connections

QSFP-DD ports incorporate a riding heatsink that can be sized independently of the optical module, added on top of the module, or

QSFP-DD Transceiver Guide 2026: Complete

Master QSFP-DD transceiver deployment for 400G/800G networks. Compare module types

SFP SFP+ QSFP Modules: Speed, Distance & Network

Compare SFP, SFP+ and QSFP modules by speed, distance, density and use-case to choose the best

Global 800G QSFP-DD Optical Module Market Analysis, Share

800G QSFP-DD Optical Module Market Size and Projections As of 2024, the 800G QSFP-DD Optical Module Market size was USD

800G/400G/200G QSFP-DD Transceivers and Cables

Discover NADDOD's QSFP-DD transceivers and AOC/DAC cables supporting 800G/400G/200G Ethernet (RoCE). Featuring strong

What is QSFP & QSFP+ Transceiver: An Ultimate Guide

QSFP DAC: Direct attach copper cable with QSFP+ module on both ends, mainly for very short interconnectivity, like

Comprehensive Guide to 400G/800G QSFP-DD Optical Modules

The 400G/800G QSFP-DD optical modules leverage a double-density design to deliver higher port density and

QSFP, QSFP+, SFP, SFP+ transceiver modules and DAC, AOC cables

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Our SFP+ and QSFP modules are designed to withstand varying environmental conditions while delivering the throughput required

Optical Transceivers Datasheets

Browse Smartoptics optical transceivers with flexible search and filtering options across a range of bit rates, form factors, media

QSFP Modules: Complete Transceiver Guide | Ascent Optics

A QSFP module is a compact, hot-pluggable optical transceiver that connects switches, routers, servers, and storage

QSFP-DD Optical Module Wiki

QSFP-DD (Quad Small Form Factor Pluggable-Double Density) is a new modular connector system that utilizes a

QSFP-DD Transceiver Guide 2026: Complete 400G/800G Deployment

Master QSFP-DD transceiver deployment for 400G/800G networks. Compare module types (SR8/DR4/FR4/LR4),

SFP SFP+ QSFP Modules: Speed, Distance & Network Scalability

Compare SFP, SFP+ and QSFP modules by speed, distance, density and use-case to choose the best transceiver for your fibre

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400G QSFP-DD LR4 10KM Optical Transceiver Module

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Optical Transceiver Module|QSFP-DD 400G DR4 SMF 1310nm 500m

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QSFP-DD Packaged Optical Module

The QSFP-DD Packaged Optical Module market size, estimations, and forecasts are provided in terms of sales volume

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