

Lithuanian QSFP-DD optical module 100G





Overview

QAPQD010D03D is a high performance QSFP-DD transceiver module for 2× 100 Gigabit Ethernet data links over a single mode fibre pair. Whether you are considering 40G QSFP+, 100G QSFP28, or the latest 400G QSFP-DD modules, understanding the technical specifications, compatibility requirements, and deployment scenarios is essential to make informed decisions. NEC's 100G QSFP28 ZR DCO is a pluggable optical transceiver designed specifically for 100G, featuring a QSFP28 form factor that enables low power consumption and long-distance transmission of digital coherent communication. The 2× (4× transmitters) are cooled 1310nm LAN-WDM lasers generating 2× (4× optical 25Gbps) output signals, which are multiplexed together.



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200G Optical Module Market 2025

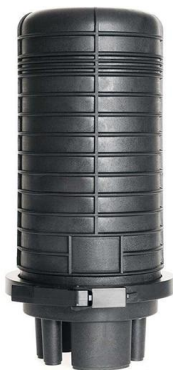
Segmentation Analysis: Detailed breakdown by product type (200G QSFP56 Module, 200G QSFP-DD Module), application (Data Center, Ethernet, Cloud Network), and end-user industry to identify high

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QAPQD010D03D / QSFP-DD / 2x (100GBase-LR4)

Looking for a specific compatibility?
QAPQD010D03D is a high performance QSFP-DD transceiver module for 2× 100 Gigabit Ethernet data links over a single mode fibre pair. The maximum reach is

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Cisco QSFP-DD and OSFP 800G ZR/ZR+ Coherent

These digital coherent optics modules enable 800G traffic over amplified DWDM links up to 120 km for 800ZR and over 1000 km for 800G ZR+.

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800G QSFP-DD Optical Transceivers , EDGE Optical Solutions

800G QSFP-DD transceivers for AI/ML clusters and hyperscale data centers. SR8, DR8, and 2×FR4 options available. QSFP-DD MSA-compliant, 800GAUI-8 interface.



Cisco 400G QSFP-DD Ultra Long Haul Coherent Optics

The Cisco 400G QSFP-DD Ultra Long-Haul Coherent Optics Module enables 400G traffic anywhere over dense wavelength division multiplexing

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Huawei QSFP-DD-400G-SR4 400G Optical Transceiver Module

The Huawei QSFP-DD-400G-SR4 is a high-performance, hot-pluggable optical transceiver designed for 400 Gigabit Ethernet links over multi-mode fiber (MMF). Utilizing the QSFP-DD (Quad Small Form

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Small Form-factor Pluggable

Small Form-factor Pluggable Small Form-factor Pluggable connected to a pair of fiber-optic cables Small Form-factor Pluggable (SFP) is a compact, hot-pluggable

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How to Choose QSFP Modules: 40G, 100G & QSFP-DD Guide

Learn how to choose QSFP modules for 40G, 100G, QSFP28, QSFP56, and 400G QSFP-DD networks. Compare speed, distance, fiber type, compatibility, and LINK-PP products.

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DETAILS DISPLAY



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

Learn how Cisco 400G QSFP-DD High-Power (Bright) Optical module's small size and low power make it an optimal choice for a wide range of

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The Definitive Guide to 800G OSFP/QSFP-DD AOC Cables for

The 800G OSFP/QSFP-DD AOC Cable is an integrated optical transceiver assembly designed for ultra-high-speed short-reach communication. Unlike traditional passive copper cables

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Ordering information

NO.	1	2	3	4
Model	QDD-200G-2LR43	QDD-200G-2LR43	QDD-200G-2LR43	QDD-200G-2LR43
Product name	2x100G-LR4	2x100G-LR4	2x100G-LR4	2x100G-LR4
Illustration				
NO.	1	2	3	4
Maximum number of cores	96	192	384	768
Product size (excluding module and adapter)	482.0*208.7*43.3mm	482.0*208.7*43.3mm	482.0*208.7*43.3mm	482.0*208.7*43.3mm
Standard color code	QDD-200G	QDD-200G	QDD-200G	QDD-200G

Arista QDD-200G-2LR43 , 200G QSFP-DD Transceiver, 2x100G-LR4,

The Arista QDD-200G-2LR43 is a hot-pluggable QSFP-DD optical transceiver designed for high-speed 200 Gigabit Ethernet applications in data center and enterprise networks. Featuring 2x 100GBASE

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100G/400G QSFP-DD DCO-Product Solutions- INNOLIGHT

The product family supports 100/400Gbps transmission speeds in an industry-standard, pluggable QSFP-DD form factor with 7nm DSP and can be widely used in metro carrier, access and Cloud/DCI

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QSFP28 Transceiver: Complete 100G Connectivity Guide (2026)

QSFP28 transceiver guide covering module types, pricing, compatibility, and deployment. Learn how to choose, deploy, and troubleshoot 100G QSFP28 optics.

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Optical Module Package Market 2025

The region benefits from strong R&D capabilities and early adoption of high-speed optical modules such as QSFP-DD and CFP2, catering to hyperscale data centers.

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2x100G QSFP28-DD

Eoptolink's QSFP-DD 2x100G are having 8x25G optical lanes operating at NRZ encoding. They are compliant with the QSFP-DD MSA. Digital diagnostics

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QSFP-DD-400G-SR4 Optical Transceiver 1. Summary

Discover the details of QSFP-DD-400G-SR4 Optical Transceiver 1. Summary at LonRise Equipment Co. Ltd., a leading supplier in China for Optical Transceiver Module and SFP Optical

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Unlocking Hyperscale Potential: The Strategic Evolution of 800G QSFP-DD

By integrating eight independent lanes of 100G PAM4 modulation, the 800G QSFP-DD DR8 provides the bandwidth density required for next-generation leaf-to-spine configurations. This

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100G QSFP28 Optical Transceiver Modules

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

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100G QSFP-DD DCO : Optical Transceiver Module , NEC

NEC's 100G QSFP28 ZR DCO is a pluggable optical transceiver designed specifically for 100G, featuring a QSFP28 form factor that enables low power

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LPO QSFP-DD800 2x400G FR4 Optical



Transceiver

FiberMall LQSFP-DD-800G-2FR4L is a high-performance optical module used to connect high-speed network equipment that is suitable for data centers, and 5G

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100GBASE QSFP-100G Modules Data Sheet

The Cisco QSFP-100G-SR-S Module is a pluggable optical transceiver with a duplex LC connector interface supporting link lengths of 70 and

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400G ZR+ QSFP-DD DCO Coherent Fiber Transceiver

100G/200G/400G Coherent QSFP-DD DCO ZR+ Transceiver Module (DWDM C Band 50GHz Grid: 191.15-196.1GHz) The QSFP-DD DCO 400ZR+ coherent

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Warranty QSFP optical module 800G online manufacture

800G QSFP-DD Overview This 800G QSFP-DD Loopback Module is a high-performance passive test component designed for QSFP-DD port validation and system debugging in 800G optical

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400G QSFP-DD ZR+ Coherent Modules , GIGALIGHT

The QSFP-DD coherent optical module has six designated pins on the 76-pin connector for its own power feed. The host board supplies a stable power to the module which in turn limits the inrush

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QSFP28 100G

Compatible with Ethernet and InfiniBand technologies, the QSFP-DD 100G delivers exceptional performance and increased efficiency, making it the ideal choice for high-speed and high-capacity

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For datasheets, pricing, or custom fiber access solutions, please visit:
<https://www.frindel.es>