

Delivery time adjustable optical module 100G



Overview

Enter the QSFP28-100G-ZR4 transceiver – a powerhouse module designed to bridge vast distances with clarity and reliability. In this guide, we'll demystify this critical piece of optical technology, explore its inner workings, and show you how to leverage it for your network's. Cisco's vision is to simplify 100G pluggable optics. With fewer components in the pluggable module, we can scale manufacturing volume and cost to the level of today's 10G SFP+ optics. The. 10/25/40/100G Custom 44 Results Sort by Popularity Hot CiscoAristaJuniperBrocadeDellExtremeH3CHPE ArubaCienaNVIDIA/Mellanox (Ethernet) NVIDIA/Mellanox (Infiniband) IBMGenericFSBroadcomEdge-CorePalo Alto NetworksAvagoAllied TelesisCheck PointChelsioD-LinkF5. 100 Gb/s FR1/LR1 QSFP28 Optical Transceiver is a small form-factor, high speed, and low power consumption product targeted for use in optical interconnects for data communications applications. The high bandwidth QSFP28 module supports 2 km and 10 km links over single-mode fiber via LC connector in. JTOPTICS® end-to-end products are an ideal solution for data centers specially when time for traditional cable installation and termination is limited and offer quick plug-in deployment for trouble free network performance. JTOPTICS® Optical transceivers are critical components that enable.

Article Content

Feb 12, 2026

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

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QSFP28 transceiver that supports 100G connections up to 10 km using single-mode fiber with a duplex LC UPC connector.

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100G QSFP28 FR1/LR1 Optical Transceiver

In addition to the I2C interface, the optical transceiver also supports low-speed control pins, which provide immediate easy access to key module functions and provide additional user interface signals ...

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The optical interface is a duplex LC connector and complies with the CWDM4 MSA specification. These modules offer an ideal solution for 100G data transmission over up to 2km or ...

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QSFP28 Transceiver: The Ultimate 100G Optical Module Guide

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Optical Transceivers

These compact modules convert electrical signals into optical signals—and vice versa—supporting various data rates like 10G, 25G, 40G, 100G, 200G, 400G, and 800G.

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Contact Us

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