

Low-loss QSFP28 optical module original and genuine product



AI Overview

Genuine QSFP28 optical modules provide reliable 100G connectivity with low loss, high performance, and vendor-certified authenticity. Key Genuine QSFP28 Options:

- Cisco QSFP28 100G ZR**: Extends 100GbE coherent links up to 80 km over dark fiber and 300 km over amplified DWDM links. Supports ITU-T standard-compliant staircase FEC and QPSK modulation for low-loss, high-fidelity transmission. Tunable across the C-band and compatible with widely deployed QSFP28 100G ports. Maximum operating power: 5.5W (commercial) / 6W (industrial). Ideal for metro access, data center interconnect, wireless x-haul, and campus networks. Compliant with CMIS 5.2 and ITU-T G.709.2 standards, ensuring interoperability with Cisco and third-party devices.
- Intel E100G QSFP28 SRX**: Designed for short-range multimode fiber (up to 100 meters over OM4 MMF). Four independent transmit/receive channels, each 25Gbps, for an aggregate 100Gbps. Factory new, genuine Intel product with original packaging, ensuring full compatibility with Intel Ethernet adapters. Extended operating temperature for flexible deployment in various environments.
- MTRJ-1LA01 QSFP28 Transceiver**: Supports 100 Gigabit Ethernet protocol for 10 km links. Compliant with QSFP28 MSA and IEEE 802.3cu standards. Integrated DSP translates four 25.78125Gbps NRZ lanes to 53.125GBd PAM4, providing low-loss, high-speed transmission.
- FR1/LR1 QSFP28 Modules**: High-speed, low-power modules for 2 km (FR1) and 10 km (LR1) single-mode fiber links. Compliant with IEEE 802.3 CAUI-4 interface and 100G FR specifications. Designed for reliable optical interconnects in data communications applications.

Considerations for Selecting Genuine Modules:

- Vendor Authenticity:** Purchase from certified distributors or directly from manufacturers like Cisco, Intel, or FS to ensure genuine products.
- Link Distance and...**

Article Content

100G Optical Module Selection Guide: Advantages and Types of QSFP28

Explore the QSFP28 100G optical module, a vital component for high-speed network connections. Discover its unique features, advantages, and various types to meet diverse

100GBASE QSFP-100G Modules Data Sheet

The Cisco® 100GBASE Quad Small Form-Factor Pluggable (QSFP) portfolio offers customers a wide variety of high-density and low-power 100

100GBASE QSFP-100G Modules Data Sheet

The Cisco QSA Module converts a QSFP28 port to an SFP28, SFP+ or SFP port. This flexibility allows customers a cost-effective transition to high

100GBASE-BX80-D QSFP28 BiDi 1310nm-TX/1270nm-RX 80km

The 100G BX80 transceiver complies with the QSFP28 MSA standard, supports RoHS-10 lead-free environmental regulations, and features digital diagnostic monitoring (DDM) over an I2C interface for

Cisco QSFP28 100G ZR Digital Coherent Optics

Cisco ® QSFP28 100G ZR extends 100GbE coherent links from QSFP28 ports reaching up to 80km over dark fiber and up to 300km over

QSFP28 Transceiver: The Ultimate 100G Optical

Discover ascentoptics about QSFP28 transceiver solutions. Master 100G optical modules with in-depth insights and trusted guidance.

Fiber Optic Connectors | Products | Amphenol

Amphenol provides a series of 40G QSFP+ optical module products, including SR4, eSR4, IR4, LR4, ER4 lite, AOC and AOC breakout series.

100GBASE-CWDM4 QSFP28 1310nm 2km Transceiver Datasheet | FS

I. General Description This product is a transceiver module designed for 2km optical communication applications. The design is compliant to 1000GBASE CWDM4 MSA standard. The module converts

DWDM SFP+ Transceiver, QSFP+ Active Optical

Select high quality DWDM SFP+ Transceiver, QSFP+ active optical cable, Fiber Optic Transceiver Modules from ETU-Link Technology CO., LTD. Excellent

MMA1B00-C100D

100 GbE SR4 QSFP28 MMF Optical Transceiver NVIDIA Mellanox MMA1B00-C100D is a 4-channel, pluggable, QSFP28, optical transceiver designed for use

100GBASE-LR4 QSFP28 1310nm 10km Transceiver Datasheet | FS

The QSFP28 module provides 100GBase-LR4 throughput up to 10km over a standard pair of single mode fiber (SMF) with duplex LC connectors. This transceiver is compliant with SFF-8661, SFF

Genérico compatible módulo transceptor óptico 100GBASE-SR4 QSFP28

100GBASE-SR SWDM4 QSFP28 BiDi 4 x 25G NRZ 850/880/910/940nm 100m DOM Duplex LC/UPC MMF Optical Transceiver Module for FS Switches, Product Specification:Part Number - QSFP-BIDI

QSFP Connector System

QSFP Connector System 28G NRZ, 56G PAM-4, 112G PAM-4, up to 100, 200 or 400 Gbps aggregate. Offer low insertion loss and cross talk plus excellent

MAM1Q00A-QSA28

The QSA28 interoperates with all major optical module and direct attach copper cable vendors. Its design ensures minimum loss on the conversion path between the QSFP28 cage and the SFP28

100GBASE-ER4 and 112G OTU4 QSFP28 Dual Rate 1310nm 40km

Featured with 4.5W low-power, high-density and high-speed, the QSFP28 transceiver offers a popular way to help you quickly ramp up to 100G transmission. Every unit is quality tested for compatibility in

Amphenol SF-QXP29B410D-000 QSFP28 (100G) 100GBASE-LR4

Genuine Amphenol XGIGA 100GBASE-LR4 QSFP28 Optical Transceiver Modules provide a high-density, high-performance interface for 100-Gigabit Ethernet and 16x Multi-lane Fibre Channel

QSFP28-100G-1310-40km-SM, Huawei QSFP28 Optical Module, 100G QSFP28

Deploy Huawei QSFP28-100G-1310-40km-SM 100G QSFP28/LC single-mode optical module for up to 40km links in data center and enterprise backbone networks.

ZTE 033030600033

The ZTE 033030600033 is designed with form factor, optical/electrical connection and digital diagnostic interface according to the QSFP28 Multi-Source

Cisco QSFP28 100G ZR Digital Coherent Optics Module

The QSFP28 100G ZR can cost effectively extend 100G links to 80km on any fiber type, and is a cost-effective migration option of multiple 10G wavelengths to 100G.

QSFP28 optical transceivers | Smartoptics

Smartoptics offers a wide selection of QSFP28 transceivers designed to support 100G Ethernet across different networking environments. Coherent QSFP28 –

Huawei S6730-H24X6C Switch 24x10GE SFP+ 6x40GE

Huawei S6730-H24X6C CloudEngine switch with 24x10GE SFP+ and 6x40GE QSFP28, ideal for high-density aggregation and core upgrades. Request best

100G QSFP28 FR1/LR1 Optical Transceiver

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.

Contact Us

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