

100g Single-mode LC Optical Module



Overview

The 100gbe QSFP28 module provides 100GBase-LR4 throughput up to 10km over a standard pair of single mode fiber (SMF) with duplex LC connectors. Transmitter Type: 4 x LAN WDM EML. Support 100G to 4x25G Breakout Application. Hot Pluggable QSFP28. The Cisco 100GBASE Quad Small Form-Factor Pluggable (QSFP) portfolio offers customers a wide variety of high-density and low-power 100 Gigabit Ethernet connectivity options for data center, high-performance computing networks, enterprise core and distribution layers, and service provider. The common 100G optical standards, such as 100G SR4, 100G LR4, 100G CWDM4, 100G PSM4, and 100G ER4 optical modules, utilize four 25G optical channels for either parallel transmission or WDM transmission. Power Consumption CLASS 1 LASER PRODUCT, IEC/EN 60825-1:2014 Do not look into the ends of the fiber optic cable or SFP module while converters are. FS offers a growing portfolio of 100G QSFP28 modules. Click to get your 100GBE transceiver modules from nearby. 100G Transceivers by JTOPTICS deliver high-speed optical data transmission and are ideal for data centers, enterprise networks, and telecom applications.



Article Content

Used Ubiquiti 100G LR4 Single-Mode Optical Module UACC-OM

100G LR4 Single-Mode Optical Module Model: UACC-OM-QSFP28-LR4 Product Description QSFP28 transceiver that supports 100G connections up to 10 km using single-mode fiber with a duplex LC

100GBASE QSFP-100G Modules Data Sheet

QSFP-100G Optical modules Features and benefits of Cisco QSFP modules Hot-swappable input/output device that plugs into a 100G Gigabit Ethernet Cisco QSFP port.

100 Gbit/s QSFP28 Optical Modules

The 100 Gbit/s QSFP28 optical modules can only be used with 100 GE interfaces. The wavelength of these 100 Gbit/s QSFP28 optical modules can be 850 nm, or 1310 nm-center multiple wavelength

400G vs 800G Optical Modules: Differences, Use Cases, and

Compare optical modules for data centers and AI clusters. Learn key differences in standards, power, cabling, and use cases.

10G Bidirectional Single-Mode Optical Module

SFP+ transceiver that supports 10G connections up to 10 km using single-mode fiber with a simplex LC UPC connector.

Ubiquiti 100G LR4 Single-Mode Optical Module • QSFP28 •

Highlights: Maximale Datenrate: 100 Gbit/s Kompatibel mit QSFP28- und QSFP+-Schnittstellen Duplex LC UPC-Anschluss Unterstützt Singlemode-Glasfaserverbindungen bis zu 10 km* *Glasfaserkabel ist

Specifications of the Fiber Gigabit Ethernet SFP, XFP, SFP+, QSFP+ ...

Topic The following specifications are for the available Fiber Gigabit Ethernet modules and the platforms that support those modules. Important: The end user must ensure suitability of

Single Lambda 100G QSFP28 Modules Overview

Explore the features and applications of Single Lambda 100G QSFP28 modules and learn how these modules enhance high-speed data

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 centers. Expert technical support & wholesale pricing.

Ubiquiti 10G Single-Mode Optical Module UACC-OM-SM-10G-D-2

Ubiquiti 10G Single-Mode Optical Module SFP+ transceiver that supports 10G connections up to 10 km using single-mode fiber with a duplex LC UPC connector. Max data rate: 10 Gbps Compatible with

JTOPTICS 100G Transceivers | High-Performance 100G Solutions

JTOPTICS® 100Gb/s transceiver module designed for optical communication applications compliant to 100G 4CWDM 10 MSA. The module converts 4 input channels of 25Gb/s electrical data to 4

NADDOD Arista Compatible 200G QSFP-DD 2xLR4 1310nm 10km SMF Optical ...

Arista Compatible 200GBASE-2xLR4 QSFP-DD 8x25G NRZ 1310nm 10km SMF DOM Dual CS Duplex Optical Transceiver Module The QDD-200G-2xLR4 transceiver module is designed for use in 200

1pc 100Gb QSFP28 Singlemode Module 100GBASE-LR4 1310nm

Easy to install, hot swappable 100gbe qsfp28 transceiver is suitable to be used in various applications, such as 100G telecom connections, data centers, 100GBASE Ethernet, high

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 network interface module format used for

Generic Compatible 100G QSFP28 LR4 10km Transceiver

Buy Generic Compatible 100G QSFP28 LR4 10km Optical Transceiver from Manufacturer at Affordable Factory Price,5-Year Warranty & Money-back Guarantee.

How to Choose the Right Fiber Optic Cable for Your Optical Transceiver

Learn how to choose the right fiber optic cable for SFP, SFP+, SFP28, QSFP+, QSFP28, QSFP-DD, and OSFP optical transceivers. Avoid common fiber compatibility mistakes and improve

Optical Transceiver Module Wholesale,10g/25g/40g/100g SFP+ Optical ...

Fiber optic module manufacturer,ETU-Link supply full model optical transceivers,including standard 8g/10g/25g/40g/100g sfp+ optical modules and copper RJ45 transceiver,wholesale at factory price!

Somali 100G Optical Module For Sale Buyers & Importers ...

Sell Somali 100G Optical Module For Sale in bulk to verified buyers and importers. Connect with businesses actively looking to buy wholesale Somali 100G Optical Module For Sale at best prices.

100G LR4 Single-Mode Optical Module

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

QSFP28 LR1 100GbE Universal Optical Transceiver | GBC Photonics

The 100G QSFP28 LR1 optical transceiver transmits data over single mode fibre at a distance of up to 10km. The transceiver operates on 1 wavelength and works in point-to-point scenario.

Fiber Patch Cables Explained 2025: Types, Connectors,

Learn about fiber patch cables, their types (single-mode vs multimode), connectors (LC, MPO, MDC/CS), and use cases in data centers. Includes FAQs.

The Evolution of 400G, 800G, and 1.6T Optical Modules

With the rapid advancement of AI, HPC, and cloud computing, the demand for high-speed optical modules such as 400G, 800G, and even 1.6T is growing exponentially. This surge is driving

100G QSFP28 SR4 vs LR4 vs CWDM4: The Architect's Selection Guide

Unlike single-mode optics, the wide aperture of MMF allows multiple modes of light to propagate, creating "smearing" over distance. DFB Stability in LR4 and CWDM4
Contrast this with

100G QSFP28 Transceiver Modules | Optical

The 100G QSFP28 module solution provides high-performance 100GbE connectivity for data centres, enterprise core & distribution layers, computing networks and

Contact Us

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