ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Cuba SFP28 optical module



Overview

Engineered for low power consumption, high port density, and enhanced data throughput, the SFP28 optical transceiver delivers an efficient and cost-effective path to 25G network upgrades.

Key Takeaways

With data throughput in excess of 28. 0 Gbps per lane, our 1X (1 x lane) SFP28 Optical Module (SR/LR) is perfect for use with 25-Gigabit (25G) Ethernet and our 4X (4 x lane) QSFP28 Optical Module (SR/LR) is optimized for 100-Gigabit (100G) Ethernet switches, servers and HBA's. Engineered for low power consumption, high port density, and enhanced data throughput, the SFP28 optical transceiver delivers an efficient and cost-effective path to 25G network upgrades. Trusted by 260K+ Enterprise Users. An SFP (Small Form-factor Pluggable) is a compact, hot-pluggable transceiver module that allows networking equipment — including switches, routers, servers, and media converters — to support different physical media, such as optical fiber or copper, without replacing the host hardware. This modular. 25G SFP28 is the new access/server baseline; deploy it for port density and long-term value. Selection is driven by power, thermal limits, cabling, and O&M risk —not speed alone. SFP-family and QSFP-family. This article provides a comprehensive comparison of mainstream optical transceivers, including SFP, SFP+, QSFP+, QSFP28, and QSFP-DD.

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Article Content

Cuba LS-SM3125-10I 25Gbps SFP28 1310nm 10km DOM Duplex

Engineered for low power consumption, high port density, and enhanced data throughput, the SFP28 optical transceiver delivers an efficient and cost-effective path to 25G network upgrades.

25G SFP28 Optical Transceivers | Transceiver Module

FS 25G SFP28 optical transceiver solutions offer a wide variety of high-density and low-power connectivity options for 25 Gigabit Ethernet, telecom, and data center.

What Is an SFP Module? — Complete Guide to SFP, SFP+ & SFP28

SFP28 modules are widely used for 25G server uplinks, while higher-speed optics are aggregated at the spine. This model simplifies cabling, improves scalability, and aligns with modern

Optical Transceiver: SFP vs SFP+ vs QSFP28 vs QSFP-DD

This article provides a comprehensive comparison of mainstream optical transceivers, including SFP, SFP+, QSFP+, QSFP28, and QSFP-DD. It explains their technical differences,

Optical Transceivers SFP SFP28 QSFP28 QSFP-DD 1G to 400G Range

Browse optical transceivers from Pivotal Optics including SFP, SFP28, QSFP28 & QSFP-DD modules. 1G to 400G solutions for data centers & networks. Shop now!

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.

Exclusively approved SFP28 Transceivers | Smartoptics

An SFP28 (Small Form-factor Pluggable 28) transceiver is a compact optical module designed for 32G Fibre Channel (FC) and 25G Ethernet applications. It provides

SFP28 • QFSP28 Optical Modules for Sale | Cables on Demand

SFP28 • QFSP28 Optical Modules Amphenol 25G SFP28 Optical Transceiver Modules and 100G QSFP28 Optical Transceiver Modules Available Now in SR (Short-Range) Multimode and LR (Long

1310nm Finisar 100g Transceiver FTLF1436P3BCL 25G 10km SFP28 Optical Module

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The Finisar FTLF1436P3BCL is a high-performance 25GE Long Wave SFP+ optical transceiver module designed for reliable data transmission over distances up to 10km. This versatile universal

Ubiquiti UACC-OM-SFP28-LR Networks 25G Single-Mode SFP28 Optical Modul ...

SKU: UACC-OM-SFP28-LR Barcode: Availability: Many in stock Product type: NETWORKING-TRANSCEIVER HKD 763.00 Ask an expert Quantity Decrease quantity Increase quantity Add to cart

Optical Transceiver Market Insights and Growth Report

The high-performance optical transceiver module GIGALIGHT 32GFC SFP28 ER is intended to accommodate a 32 Gbps data rate for Fibre Channel applications.

OPSTRAN OPSTRAN SFP SFP+ SFP28 XFP Dust Covers Caps

Buy OPSTRAN SFP SFP+ SFP28 XFP Dust Covers Caps Suitable for Duplex LC SFP Optical Module Silicone 100pcs/pack online at Poshace for ₹7,399. ?Widely Used?SFP...

25G SFP28 to SFP28 OM3 Active Optical Cable 30m Fiber Module

Active optical cable supports 25Gbps data rate with a 30m (98ft) length for high-speed fiber connections using SFP28 to SFP28 connectors. The cable features OM3 multimode fiber construction designed

SFP28 2349202 2X1Y Optical Module Connector Through hole

Key attributes Type Optical Module Connector Packaging standard Supplier Type original Application PCB / other Model Number SFP28 2349202 2X1Y Place of Origin Guangdong, China Brand

An In-depth Guide to 25G SFP28 Optical Transceiver

The 25G optical transceiver, particularly the 25G SFP28 optical transceiver module, represents a versatile, future-ready solution for scaling bandwidth in data

Global Optical Transceiver Market Strategic Audit 2026

The current super-normal profits generated by 800G modules have incentivized aggressive brownfield capacity expansions. As upstream optical chip yields improve and assembler

SFP28 25G SR Optical Modules: High-Performance Network Solution

SFP28 25G SR optical modules provide a high-performance, cost-effective, and scalable solution for modern networking. Designed for short-distance high-speed data transmission, they are essential in

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SFP, SFP+, SFP28, QSFP+ and QSFP28 optical modules

In conclusion In general, SFP, SFP+, SFP28, QSFP+ and QSFP28 optical modules are different in transmission speed, compatibility and usage principles. When choosing an optical

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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