Cuba Optical Module SFP



Overview

The LS-SM311G-02I SFP transceivers are high performance, cost effective modules supporting data rate of 1. 25Gbps and 2km transmission distance with SMF. 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. An SFP interface on networking hardware is a modular slot for a media-specific transceiver, such as for a fiber-optic cable or a copper. SFP, Small Form-factor Pluggable, is a small, hot-swappable optical module. SFP is half the size of a GBIC module and can be configured with more than twice the number of ports in the same panel. These modules, including SFP, SFP+, and SFP28, are widely used in enterprise networks, data centers, and carrier-grade deployments.

Article Content

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

Learn what an SFP module is, how it works, its types, specifications, compatibility, and use cases in modern networks, including updated standards and trends for 2026.

Cisco Transceiver Modules

Cisco Transceiver Modules - Learn product details such as features and benefits, as well as hardware and software specifications.

Cuba LS-SM311G-02I SFP 1.25Gbps 1310nm 2km DOM Duplex

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All modules satisfy class I laser safety requirements. The transceivers are compatible with SFP Multi-Source Agreement and SFF-8472 digital diagnostics functions.

Differences Between Optical Modules SFP, SFP+, CFP, XFP, QSFP?

In the data center, various types of optic module transceiver are seen everywhere, such as SFP, SFP+, XFP, SFP28, QSFP/QSFP+, CFP and QSFP28

SFP Optical Module Specifications: Standards & Performance

A practical guide to SFP Optical Module Specifications, covering data rates, optical budget, Tx/Rx power, DDM/DOM, standards, and deployment best practices.

The Ultimate Guide to SFP Modules (2026): Types,

Confused by SFP vs SFP+? Read the definitive 2026 guide on SFP modules. We explain Single Mode vs Multimode, DDM diagnostics, and how to choose the

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10G SFP+ Optical Transceivers | Transceiver Module

Click to get your 10G SFP+ transceiver modules from nearby warehouses. 30-Day Free Return. Trusted by 260K+ Enterprise Users.

Understanding Pluggable Optical Modules

This type of optical module is mainly used in scenarios where one CSFP optical module connects to two BIDI SFP optical modules. It is essential to ensure that the transmit and receive wavelengths are

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Network Transceiver Modules

Buy Network Transceiver Modules from top brands like C2G, Black Box, Facilis and HPE Aruba Networking. Go to B&H for amazing prices and service.

The Big Differences Between SFP, SFP+, SFP28,

Delve deep into the world of optical modules. From SFP to the latest QSFP-DD, explore their differences, applications, and what to consider for your

1G Bidirectional Single-Mode Optical Module

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SFP transceiver that supports 1G connections up to 3 km using single-mode fiber with a simplex LC UPC connector.

300m SFP+ Optical Module

This is a standard SFP+ optical module. It uses two multi-mode optical fibers and the speed rate can up to 10Gbps, transmission distance up to 300m. This product need to use in pair and match up with

Ubiquiti Optical Module Testing Tool UACC-SFP-Wizard

Ubiquiti Optical Module Testing Tool - LCD - USB - Proprietary Battery Size - Built-in Battery - Battery Included - Battery Rechargeable - Lithium Ion (Li-Ion) Product Type: Optical Module Testing Tool

BiDi SFP: The Complete Guide to Bidirectional SFP Transceivers and ...

BiDi SFP (Bidirectional Small Form-Factor Pluggable) transceivers have emerged as a powerful solution, enabling full-duplex communication over a single optical fiber. By using

XGSPON ONU SFP+ 1270nm-TX/1577nm-RX 9.953G-TX/9.953G-RX

OverviewThe XGS-SFP-ONT-MAC-I is a high-performance optical transceiver module designed for 10-Gigabit-capable passive optical network (XGS-PON) deployments. It functions as an integrated

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SFP1-SM-D is a fiber optic transceiver using 1310nm single-mode signals. These standard pluggable SFP optical modules have two LC connectors for reception and transmission over two strands of

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