Vietnam Dual-Mode SFF Optical Module



Overview

The SFF high-performance module for dual fiber communications can transmit digital data up to 2km via Multi-Mode optical fiber and the optical performances comply with the Fast Ethernet interface, 155Mbps ATM interface and FDDI PMD Standard. As an industry-leading ICT infrastructure and industry solution provider, Ruijie offers customers a wide variety of high-density and low-power 10G optical modules. They are applicable to data center and campus networks, enabling cost-effective, efficient, and high-speed interconnection among. The SCFF (Small Cubic Form Factor) is a ruggedized 1-channel duplex multi-mode optical transceiver operating at 850nm wavelength. It utilizes a 12-pin electrical interface in SMT (Surface Mount Technology) configuration, conforming to SFF-8431 specification for high-speed interfaces. Supporting both multimode and single-mode fiber, these modules enable flexible deployment across various network environments. With stable performance. JFOPT continues to invest in optical transceiver production, covering a full range of optical transceiver such as 1*9, SFP, 10G, 25G, 100G, 200G, 400G, 800G GPON/EPON/XG/XGSPON OLT transceiver.



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Article Content

Hot

SFP vs SFF: Unraveling the Confusion in Optical

Compare SFP transceiver vs SFF transceiver to see which offers better speed, flexibility, and upgrade options for your network hardware needs.

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SFP Modules: Types, Selection Guide & Applications

Dual Media Support: Works with both fiber optic cables (single-mode and multimode) and copper cables (twisted-pair), offering flexibility in deployment. Broad Protocol Support: Compatible

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Compact SFF Optical Modules: Reliability, Density & Efficiency for ...

Discover how soldered SFF (Small Form-Factor) optical modules deliver high reliability, dense port integration and cost-efficient connectivity for OEMs in industrial, telecom and embedded

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FS Community

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

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SFF 2x5 single/dual fiber flexible output digital optical

All modules in this series utilize the SFF2x5 package, operate from a single 3.3V

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The Difference Between Single/Dual Fiber and

As fiber optic networks continue to evolve, selecting the right optical transceiver becomes increasingly important. Whether you''re designing a short

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What Is an SFP Module? Complete Guide

SFP modules, or Small Form-factor Pluggable modules, are essentially the workhorses of modern networking. They facilitate data

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What Is A Single-Fiber BiDi Transceiver?--ETU-LINK

When planning a fiber optic network,one key decision is choosing between single-fiber (BiDi) and dual-fiber optical transceivers. This guide from ETU-Link explains

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10GE SFP+ Optical Modules

CloudEngine 12800 and 12800E Series Switches Hardware Description This document provides an overall description of the CE12800 series switches hardware, helping you obtain detailed information

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1G 1310nm 2km SFP SX Transceiver Module

1G Multi-mode 1310nm 2km SFP SX Optical Transceiver from Manufacturer at Affordable Factory Price,5-Year Warranty & Money-back Guarantee.

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2 Gbit/s small form factor fiber-optic transceiver for single mode ...

Small form factor (SFF) optical transceivers are expected to be commonly used in the near future for high-end (high bit-rate, single mode) applications as well as for low-cost applications. SFF optical

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SFP Module – Optcore

Our SFP module comply with the SFF-8472 MSA (Multi-Sourcing Agreement), CE, FCC, RoHS, and corresponding industry standards. Moreover, they have a built-in DOM/DDM function as default for

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JFOPT SFP 155M 1310nm LC DX MM Optical Module | 2km Multi

Equipped with a 20-pin SFP connector, it enables hot-plug functionality for easy installation and maintenance. Optimized for multi-mode fiber, this transceiver operates at a standard wavelength of

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Understanding BIDI SFP Optical Transceiver Module:

Explore the world of BIDI SFP optical transceiver modules! Learn about their bi-directional capabilities, applications, and how they enhance LC

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10Gb SFP SFP+ Module 20Km | Dual Wavelength

This SFP optical module supports IEEE 802.3ae 10G Ethernet applications and is available in commercial (0°C to 70°C) and industrial (-40°C to 85°C) temperature

May 31, 2026 Hot

SCFF | Amphenol Aerospace

Description: The SCFF (Small Cubic Form Factor) is a ruggedized 1-channel duplex multi-mode optical transceiver operating at 850nm wavelength. It utilizes a 12-pin

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155Mbps 1310nm 2km SFF Transceiver Module

155Mbps MMF 1310nm 2km SFF Transceiver for Fast Ethernet/STM-1/OC-3 at Affordable Factory Price,5-Year Warranty & Money-back Guarantee.

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The Key Differences Between 1-core, 2-core, Single

Understanding 1-core, 2-core, Single Mode, and Multi-mode optical modules helps you design efficient networks. Whether you''re working on long

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(SFF) Optical Transceivers

OptixCom''s 2x5 SFF transceiver provides a low cost and compact solution for general data communication links. This multimode fiber optics transceiver is designed with high performance 1310

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Fiberworks Data Sheet

DESCRIPTION The SFP-155M transceiver family are small form factor pluggable modules for bi-directional serial optical data communications such as SONET/SDH OC-3/STM-1 or Fast Ethernet.

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1.25G 1310nm 10KM SFP Module

1.25G sfp Modules 1310nm 10KM LC Dual Fiber Optic Transceiver Compatible With Cisco Huawei HP Description The SFP transceivers are high performance, cost

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2025 How to Identify Single-Mode vs. Multimode SFP Modules for

Learn how to identify single-mode and multimode SFP modules with our comprehensive guide. Explore SFP features, testing methods, and compatibility.

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1G Dual Fiber

Supporting both multimode and single-mode fiber, these modules enable flexible deployment across various network environments. With stable performance and efficient power usage, they are ideal for

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155M Multi-Mode SFF_SFF_Optical

The SFF high-performance module for dual fiber communications can transmit digital data up to 2km via Multi-Mode optical fiber and the optical performances comply

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XG-SFP-LR-SM1310 10GBASE-LR SFP+ 1310-nm 10-km DOM

The XG-SFP-LR-SM1310 is aligned to IEEE 10GBASE-LR optical specifications and supports a link length of up to 10 kilometers over a single-mode fiber (SMF) with an LC connector. It adopts the

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OEM manufacturer duplex SFP 10km 1310nm optical

Through comprehensive and strict testing, the stability and consistency of the quality of the optical module can be ensured, thereby

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Single-mode vs Multimode SFP: What''s the Difference?

Single-mode SFP and multimode SFP are the two main types of hot-pluggable optical transceivers used in fiber optic networks. Both of them use LC

May 04, 2026 Hot

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

Apr 28, 2026

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