

# 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.



## 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.

Jan 04, 2026 Hot

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

Oct 13, 2025 Hot

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

Apr 19, 2026 Hot

FS Community

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

Nov 09, 2025 Hot

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

Jul 02, 2025 Hot

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

Feb 07, 2026 Hot

### 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.

Feb 28, 2026 Hot

### 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

Sep 27, 2025 Hot

### 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

Jun 03, 2026 Hot

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

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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

## Contact Us

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