

# Nepal Tunable Optical Module SFP



## Overview

Explore a wide range of SFP Transceivers at Giga Ventures. Find the best in Nepal . Affordable prices, fast delivery, and expert support. Shop now!

## Key Takeaways

Active Optical SFP modules in Nepal are available in a wide range of data rates from 1G to 100G, supporting multiple brands and transmission distances, suitable for enterprise, ISP, and telecom networks.

## Types and Specifications

### Active Optical SF

Ps in Nepal include modules for 1. 25G, 2. 5G, 10G, 40G, and 100G networks, with both single-mode and multi-mode fiber options.

Common wavelengths include 1310nm, 1550nm, 1490nm, and 1270nm, and transmission distances range from 20km to 80km depending on the module type and fiber used. Modules often feature DFB laser transmitters, PIN photodiodes with trans-impedance amplifiers (TIA), and MCU control units, meeting Class I laser safety standards.

### Brand Compatibility

### These SF



P modules are compatible with major networking brands such as Cisco, Juniper, Huawei, Nokia, Extreme, Mikrotik, TP-LINK, H3C, Ruijie, HP, and Intel. They are tested for full interoperability with switches and routers, ensuring stable performance in enterprise and telecom networks. Local Suppliers in Nepal: Offers a variety of SFP modules including 1.

25G BiDi, CWDM, DWDM, 2. 5G, and 4G SFPs with certified products and competitive pricing. D-TECH Trading: Supplies 1.

25G SFP, 10G SFP+, 40G QSFP+, and 100G QSFP28 modules compatible with all major brands. Eman Communications: Provides a wide range of SFP modules with different wavelengths and distances, supporting both single-mode and multi-mode fibers. Giga Ventures: Offers SFP and SFP+ transceivers for Fast Ethernet to 10-Gigabit Ethernet, suitable for data centers and enterprise networks.

Yoranco: Manufactures and supplies active optical modules with BOSA/TOSA/ROSA technology, fully tested for compatibility and mass production, including OEM services.

### **Key Considerations**

When selecting an active optical SFP module in Nepal, consider: Data rate: Ensure the module matches your network speed (1G, 10G, 40G, 100G). Fiber type: Single-mode for long distances, multi-mode for shorter distances. Wavelength: Match the module wavelength with your network design.

Brand compatibility: Verify the module works with your existing switches or routers. Distance: Choose modules rated for the required transmission distance.

### **Active Optical SF**

Ps are widely available in Nepal, offering reliable, high-performance solutions for telecom, ISP, and enterprise networking applications.

## **Article Content**

Cisco, Juniper, Huawei, Nokia & Extreme SFP Modules in Nepal

Are you looking for Cisco SFP, Juniper SFP, Huawei SFP, Nokia SFP, or Extreme SFP modules in Nepal? At D-TECH, we provide high-quality compatible SFP transceivers that work

SFP Transceivers

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D-TECH – Nepal's Trusted Supplier for SFP & QSFP Modules

In Nepal's growing fiber optic and data center industry, choosing the right optical transceiver is critical for stable and high-performance networking. D-TECH Trading is highly

Tunable SFP : Optical Transceiver Module | NEC

Tunable SFPs are optical transceivers that allow you to change the wavelength of the transmitter. Recently, the use of wavelength division multiplexing (WDM) in mobile front-haul networks has

Fiber Optic SFP 1G to 100G In Nepal

Our team is now well-versed in all types of Optical Fiber SFP modules, ranging from 1.25G with variants including 20km, 40km, 60km, and 80km. Similarly, they are familiar with SFP modules for 10G, 40G,

SFP in Nepal.

Description: For businesses demanding higher bandwidth and faster data transfer rates, our 10G SFP+ modules offer exceptional performance. Supporting speeds up to 10 Gbps, these modules are

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SFP+ Tunable Transceivers

SFP+ Tunable Transceivers GAOTek's SFP+ (Small Form-Factor Pluggable Enhanced) tunable transceivers are optical modules used in high-speed networking applications to transmit and receive

SFP Transceivers

Giga Ventures SFP module solutions range from Fast Ethernet to Gigabit Ethernet speeds. Fiber and copper SFP transceivers can be selected in connector type, fiber type and protocols to meet your

Tunable Optical Transceivers: Key Benefits & Uses

Tunable optical modules, as an innovative solution, can dynamically adjust wavelengths to better address these needs. This article briefly explores the working principles and benefits of

## Optimizing Optical Networks with DWDM Tunable SFP+ Modules

FS's 10G Tunable DWDM SFP+ Modules offer flexible, high-performance optical solutions for data centers, MANs, and cloud networks, enhancing bandwidth and resource efficiency.

### SFP & PON Module Price in Nepal

SFP & PON Module Rs 10,000.00 SFP & PON Module Add to cart Categories: Network Device Price in Nepal - Kathmandu Buy Online 2022, Optical Fiber

### 10G Tunable DWDM SFP+ 50GHz 80km Transceiver Datasheet | FS

The tunable transceiver is an integrated fiber optic transceiver that provides a high-speed serial link at signaling rates from 9.95 Gb/s to 11.3 Gb/s. The module complies with the 10 Gigabit Enhanced

Optical Transceiver, SFP,10G,DWDM,80KM,LC in nepal

The SFP+ 10G DWDM 80KM DDM optical transceiver is designed for high-speed 10G transmission over single-mode fiber with support for DWDM applications. It features hot-pluggable design, Duplex LC

### OFC 2024 NEC Optical Modules

10G Full-band Tunable DWDM SFP 80km reach on SMF NEC in-house Tunable laser source by Silicon photonics technology Smart Tunable MSA E-Temp Form factor Bit rate Optical interface Wavelength

SFP in Nepal.

Description: Our 1G SFP modules are perfect for organizations looking to upgrade their network infrastructure with high-speed, reliable connections. They support data rates of up to 1 Gbps and are

### Cisco SFP-10G-SR Gigabit Interface Converter SFP Module

Buy Cisco SFP-10G-SR Gigabit Interface Converter SFP Module online in Nepal at Electronics components store-mystorenepal with free home delivery, easy return and cash on delivery.

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