

Nepal Procurement of Pluggable Optical Modules SFP



AI Overview

SFP modules in Nepal are widely available from multiple suppliers, supporting data rates from 1G to 100G, with options for Cisco, Juniper, Huawei, Nokia, and other major networking brands. Types and Specifications Nepalese suppliers offer a broad range of Small Form-factor Pluggable (SFP) modules suitable for various networking needs:

1G SFP Modules: Support data rates up to 1.25Gbps, with transmission distances ranging from 10 km to 80 km. Variants include BiDi, CWDM, DWDM, and standard SFPs for single-mode fiber (SMF) or multi-mode fiber (MMF) networks.

10G SFP+ Modules: Designed for higher bandwidth applications, supporting speeds up to 10Gbps, suitable for enterprise networks, data centers, and service providers.

40G QSFP+ and 100G QSFP28 Modules: High-performance modules for large-scale data centers and cloud computing environments, offering long-distance connectivity with minimal latency.

Specialized Modules: 8G SFP LR 1310nm modules for fiber channel and gigabit Ethernet applications, supporting distances up to 10 km.

Suppliers and Procurement Options Several suppliers in Nepal provide SFP modules, both for retail and bulk procurement:

FirstAid Nepal: Offers a variety of SFP modules including 1.25G BiDi, CWDM, DWDM, and 2.5G–4G SFPs, with certified products and competitive pricing.

D-TECH Trading: Supplies SFP modules compatible with Cisco, Juniper, Huawei, Nokia, and Extreme networks. They provide 1G, 10G, 40G, and 100G modules, tested for full compatibility and stable performance.

Eman Communications: Offers a wide range of SFP modules (1G–100G) with different transmission distances, emphasizing quality assurance, expert support, and cost-effective solutions. Stores are located in Itahari, Butwal, and other cities.

Giga Nepal: Focuses on enterprise-grade SFP modules, including 8G SFP LR 1310nm for high-sp...

Article Content

SFP Transceiver Archives

Optical SFP Module HK-SFP-1.25G-20-1310 Optical SFP Module HK-SFP-1.25G-20-1550
UFiber SFP+ Module (UF-MM-10G)

The Ultimate Guide to ZTE SFP Module Distance and Wavelength

A deep understanding of ZTE SFP module distance and wavelength specs is a prerequisite for designing reliable, scalable, and high-performance networks. From the cost-effective 850 nm SR

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

Buy sfp fiber optical port Online at Best Price in Nepal

Nepal - Shop for Best Online at Daraz .np Wide Variety of sfp fiber optical port. Great Prices, Even Better Service.

Cisco SFP vs GBIC vs XFP vs SFP+: A Practical

Choosing the wrong module can lead to costly mismatches, link instability, or wasted budget. This guide provides a clear, practical comparison

SFP in Nepal.

Welcome to Eman Communications, a leading provider of high-quality Small Form-factor Pluggable (SFP) modules. Our product line includes various SFP variants ranging from 1G, 10G, to 100G,

CPO vs Pluggable Optics: What Changes for Procurement and Cabling?

CPO is real roadmap technology, but pluggable optics still dominate 2026-2028 deployments. Use this procurement checklist to understand what changes, what stays, and what to verify before you buy.

Optiques enfichables vs CPO : quels changements pour l ...

CPO is real roadmap technology, but pluggable optics still dominate 2026-2028 deployments. Use this procurement checklist to understand what changes, what stays, and what to verify before you buy.

Optical Transceiver Market Price Trends 2026: TCO & Risks

Optical Transceiver Market Price Trends 2026: The 800G Shift Procurement forecasts frequently project aggressive price drops for 800G optics by 2026, ignoring the non-linear power

Cisco Compatible Optical Modules Catalog

of Small Form-Factor Pluggable (SFP), SFP+, SFP28, QSFP+, and QSFP28 transceivers. Designed to deliver seamless interoperability within Cisco enterprise-grade optical Enterprise, Data Center, and Service

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

Optical Modules Market Research Report 2034

Optical Modules Market Outlook 2025-2034 The global optical modules market was valued at \$14.8 billion in 2025 and is projected to reach \$39.6 billion by 2034,

Small Form Factor Pluggable (SFP) Modules: Guide

Discover Small Form Factor Pluggable (SFP) modules, their types, uses in data centers and telecom, key vendors, and future market trends.

Fiber Optic SFP 1G to 100G In Nepal

SFP 1G, 10G, 40G & 100G Optical Fiber SFP Modules Training. We would like to share information about Eman's activities in providing training on Optical Fiber SFP (Small Form-factor Pluggable)

Bidirectional SFP Modules/Transceivers

Versitron offers single-mode and multimode Bidirectional SFP Modules suitable for point-to-point networking, metro access ring, PON, and FDDI. Get IEEE

Wholesale Fiber Optic SFP 1G to 100G In Nepal

Wholesalers & Direct Importers of Fiber Optic SFP of Various Types: 1.25 G SFP

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

Third-Party SFP+ Transceiver Coding and EPROM Compatibility

This document serves as the definitive technical reference for the deployment and configuration of third-party Small Form-Factor Pluggable Plus (SFP+) transceivers within Cisco routing and switching

Optical Transceivers Market Size Report, 2026-2033

This wave of modernization is driving strong procurement momentum for 25G, 50G, 100G, and coherent optical modules. As telecom networks evolve to support next

SFP-SFP Module Transceiver Optical Fiber

Buy Affordable & Latest SFP-SFP Module Transceiver in Nepal online Nepal.

Optical Transceiver Market Size, Share, Industry Report

Optical Transceiver Market Size The global optical transceiver market was valued at USD 13.4 billion in 2025. The market is expected to grow from USD 15.4 billion in

Contact Us

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