Nepal Enterprise-Grade Optical Router SFP



Overview

D-TECH – Nepal's Trusted Supplier for SFP & QSFP D-TECH Trading is highly recommended for all types of SFP and QSFP modules in the 2.5G~6G SFP Module Manuf.

Key Takeaways

Nepal offers a range of enterprise-grade optical routers and SFP modules suitable for ISPs, telecoms, and enterprise networks, with local suppliers providing high-performance, compatible, and supported hardware.Enterprise-Grade Routers

Enterprise routers in Nepal are designed for high-speed, reliable networking in demanding environments such as ISP backbones, enterprise LANs, and data centers. Key features include:

• SFP Ports: Many routers come with SFP or SFP+ ports for fiber connectivity, enabling long-distance, high-bandwidth links .

• Brand Options: Popular brands include Mikrotik, Cisco, Juniper, Huawei, Nokia, and Extreme Networks .

• Performance: Routers support Layer 2/Layer 3 switching, hardware IPsec, and high throughput for enterprise and ISP deployments .



© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

• Local Support: Suppliers like NaviOn provide pre-sales engineering, installation, and 24/7 NOC monitoring, ensuring routers are configured for Nepal's power and RF conditions . Example: The Mikrotik hEX S router features 5 Gigabit ports, 1 SFP port, and hardware IPsec support, suitable for office or small enterprise networks .

SFP Modules

SFP (Small Form-factor Pluggable) modules are essential for connecting routers and switches over fiber. In Nepal, suppliers offer a wide range of SFP modules:

• Data Rates: 1G SFP, 10G SFP+, 40G QSFP+, and 100G QSFP28 .

• Distance Support: Modules support distances from 10 km up to 80 km, depending on the type and fiber used .

• Wavelengths: Commonly 1310nm for long-range single-mode fiber .

• Compatibility: Modules are compatible with major brands like Cisco, Juniper, Huawei, Nokia, and Extreme Networks .

• Enterprise Use: High-performance SFPs are suitable for data centers, telecom infrastructure, and enterprise backbone systems, ensuring stable, uninterrupted connectivity . Example: The 8G SFP LR 1310nm 10km Optical Transceiver supports 8Gbps over single-mode fiber, ideal for enterprise networking and long-distance links .

Local Suppliers in Nepal

• NaviOn – Offers routers, managed switches, fiber optic equipment, and SFPs with installation and 24/7 NOC support .

• D-TECH Trading – Supplies SFP modules compatible with all major brands, including Cisco, Juniper, Huawei, Nokia, and Extreme .

• Giga Nepal – Provides high-performance SFP transceivers for enterprise and data center applications .

• Eman Communications – Offers a wide range of SFP modules (1G, 10G, 100G) with distances up to 80 km and expert support .

• Network Store – Distributor of Mikrotik routers, switches, and SFP-enabled devices for office and enterprise networks .

Recommendations

• For enterprise backbone networks: Use routers with multiple SFP/SFP+ ports and high throughput, paired with long-range SFP modules (10–40 km or more).

• For ISP or campus networks: Consider routers with Layer 2/3 switching and SFP ports for fiber aggregation, supported by local suppliers for installation and maintenance.

• Check compatibility: Ensure SFP modules match the router brand and port type to avoid connectivity issues.

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

• Local support: Choose suppliers offering warranty, installation, and NOC monitoring to ensure reliable operation in Nepal's network environment. By selecting enterprise-grade routers with SFP ports and high-quality SFP modules from trusted Nepalese suppliers, businesses and ISPs can achieve stable, high-speed, and scalable network infrastructure.

Article Content

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

D-TECH Trading is highly recommended for all types of SFP and QSFP modules in the

2.5G~6G SFP Module Manufacturers & Suppliers in Nepal

Every batch of 2.5G to 6G SFP modules sent to Nepal can be coded to match specific vendor protocols—such as MikroTik (widely

Nepal Offshore Price Enterprise-Grade Optical Router SFP

BlazingFast Photonics delivers high-speed optical transceivers, silicon photonics, co-packaged optics, OSFP 1.6T modules, laser

SFP Transceivers

High-performance SFP optical transceiver designed for reliable long-distance data transmission up to 10km. Ideal for enterprise

Enterprise Networking Hardware & Solutions | AFC WAVE

High-density optical line terminal structures and switches. Wireless broadband and enterprise campus infrastructure fabric. Next

8G SFP LR 1310nm 10km Optical Transceiver Module

The 8G SFP LR 1310nm 10km Optical Transceiver Module is a high-quality, enterprise-grade networking component designed to

Cisco MGBSX1 SFP Transceiver | Bigbyte IT World | best network

Engineered to meet Cisco''s strict quality standards, this transceiver supports 1000BASE-SX Gigabit Ethernet, making it an ideal

Buy Enterprise Routers Online on Ubuy Nepal at Best Prices

Shop online for Enterprise routers at Ubuy Nepal, a leading eCommerce store with great collection of Enterprise routers at low

Cisco SFP-10G-SR 10GBASE-SR SFP+ Transceiver

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

The Cisco SFP-10G-SR is an enterprise-class SFP+ transceiver designed for high-density 10GBASE-SR

SFP Transceivers

High-performance SFP optical transceiver designed for reliable long-distance data transmission up to 10km. Ideal for enterprise

Cisco Optics | Transform Your Network

Get the highest quality, performance-leading optical transceivers for any network architecture. Find the transceiver model to fit your

SFP and QSFP Prices in Nepal | D-TECH TRADING

Better Quality vs Cheaper SFP & QSFP Modules Understand the real difference between low-quality and high-quality

SFP 100G LR4 10km QSFP28+ || Optical Fiber cable accessoires in Nepal ...

Coupled with our top-of-the-line Optical Fiber Cable Accessories, we''re empowering businesses and individuals across

Cisco Wireless Router|Switches|Network Security| Network

Cisco Wireless Router, Switches, Enterprise Network Security, Network Architecture Cisco DNA, Cisco ACI, Cisco Dealer in Nepal

Network Store: Distributor of Mikrotik Routers, Switches,

Network Store is the largest reseller and distributor of all Networking Products in Nepal. We provide

SFP Optical Transceiver Products | Syrotech Networks

Syrotech Networks is market leader in manufacturing and supplier of sfp module, optical transceiver, sfp port, sfp optical

Optical Terminal

The OptiXstar product series extends optical connectivity to every home, enterprise, and campus, bringing families closer and

Buy Routers Online Price in Nepal

Routers Price in Nepal. Buy online at the best price on Daraz .np. Fast delivery all over Nepal. Get your best deal today!

Switch SFP 10G HSGQ-5912 in nepal | D-TECH TRADING

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

The HSGQ-5912 is a high-performance Layer 3 Managed Industrial Switch designed for enterprise networks, ISPs, data centers,

Nepal Procurement of Pluggable Optical Modules SFP

Stores are located in Itahari, Butwal, and other cities .Giga Nepal: Focuses on enterprise-grade SFP modules, including 8G SFP LR

Wholesale Fiber Optic SFP 1G to 100G In Nepal

Wholesalers & Direct Importers of Fiber Optic SFP of Various Types: 1.25 G SFP Module, 1.25G Bisdi SFP, 1.25G CWDM SFP,

cisco sfp-10g-sr sfp+ transceiver module

Home Electronics Components Transceiver cisco sfp-10g-sr sfp+ transceiver module Fiber Optic Transceiver, SFP Transceivers,

Top 10 Best 10GbE Routers of 2025: Huawei, Cisco & More Reviewed

Explore the top 10 best 10GbE routers in 2025 including models from Huawei, Cisco, and ASUS. Discover key

Cisco 10GBASE SFP+ Modules Data Sheet

Cisco SFP-10G-SR-X module The Cisco SFP-10G-SR-X is a multirate * 10GBASE-SR, 10GBASE-SW and

Unlocking the Potential of Routers with SFP Ports: A Comprehensive ...

Routers with Small Form-factor Pluggable (SFP) ports provide networking environments with unprecedented flexibility

Top 5 Sfp Module Manufacturers In The U.S. For Enterprise Buyers

Why enterprise buyers pick them: Cisco sells optics certified for Cisco platforms and offers enterprise-grade support, multi-region

Ruijie Networks | Network Devices and Solutions Provider

Smart campuses and factories are reshaping all aspects of enterprise operations, from offices to R&D, production, and sales. A

Buy Enterprise Routers Online on Ubuy Nepal at Best Prices

Shop online for Enterprise routers at Ubuy Nepal, a leading eCommerce store with great collection of Enterprise routers at low

Cisco SFP-10G-SR 10GBASE-SR SFP+ Transceiver

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

The Cisco SFP-10G-SR is an enterprise-class SFP+ transceiver designed for high-density 10GBASE-SR

SFP Transceivers

High-performance SFP optical transceiver designed for reliable long-distance data transmission up to 10km. Ideal for enterprise

Cisco Optics | Transform Your Network

Get the highest quality, performance-leading optical transceivers for any network architecture. Find the transceiver model to fit your

SFP and QSFP Prices in Nepal | D-TECH TRADING

Better Quality vs Cheaper SFP & QSFP Modules Understand the real difference between low-quality and high-quality

SFP 100G LR4 10km QSFP28+ || Optical Fiber cable accessoires in Nepal ...

Coupled with our top-of-the-line Optical Fiber Cable Accessories, we''re empowering businesses and individuals across

Routers: Best Price in Nepal & Trusted Suppliers for Bulk Orders

In today''s digital age, routers stand as the backbone of connectivity, enabling seamless communication and access to the vast realm

Netgear Products Price in Nepal: Switches, Routers, & ReadyNAS

Check out the official price of Netgear products (Router, Switch, Extender, ReadyNAS) in Nepal along with their

Buy fiber optical router Online at Best Price in Nepal

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

Copper SFP 10/100/1000 RJ45 100m in nepal | D-TECH TRADING

The D-TECH Copper SFP Series provides Ethernet connectivity over standard RJ45 copper cabling through compatible SFP or

Cisco Wireless Router|Switches|Network Security| Network

Cisco Wireless Router, Switches, Enterprise Network Security, Network Architecture Cisco DNA, Cisco ACI, Cisco Dealer in Nepal

Network Store: Distributor of Mikrotik Routers, Switches, APs IP ...

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

Network Store is the largest reseller and distributor of all Networking Products in Nepal. We provide Mikrotik Routers, Switches, Fiber

SFP Optical Transceiver Products | Syrotech Networks

Syrotech Networks is market leader in manufacturing and supplier of sfp module, optical transceiver, sfp port, sfp optical

Optical Terminal

The OptiXstar product series extends optical connectivity to every home, enterprise, and campus, bringing families closer and

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

D-TECH Trading is highly recommended for all types of SFP and QSFP modules in the

2.5G~6G SFP Module Manufacturers & Suppliers in Nepal

Every batch of 2.5G to 6G SFP modules sent to Nepal can be coded to match specific vendor protocols—such as MikroTik (widely

Nepal Offshore Price Enterprise-Grade Optical Router SFP

BlazingFast Photonics delivers high-speed optical transceivers, silicon photonics, co-packaged optics, OSFP 1.6T modules, laser

SFP Transceivers

High-performance SFP optical transceiver designed for reliable long-distance data transmission up to 10km. Ideal for enterprise

Enterprise Networking Hardware & Solutions | AFC WAVE

High-density optical line terminal structures and switches. Wireless broadband and enterprise campus infrastructure fabric. Next

8G SFP LR 1310nm 10km Optical Transceiver Module

The 8G SFP LR 1310nm 10km Optical Transceiver Module is a high-quality, enterprise-grade networking component designed to

Cisco MGBSX1 SFP Transceiver | Bigbyte IT World | best network

Engineered to meet Cisco''s strict quality standards, this transceiver supports 1000BASE-SX Gigabit Ethernet, making it an ideal

SFP-SFP Module Transceiver Optical Fiber

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

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

SFP and QSFP Prices in Nepal | D-TECH TRADING

Many customers ask why the prices of SFP and QSFP modules are different even when the speed looks similar. The

TechNXT – Imagination Beyond Control..

10G SFP Transceivers Optical Transceivers PON & SFP Module 10 GBPS bidi SM SF 1330nm/ 1270nm 20 KM LC DDM Data Sheet

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

D-TECH Trading is highly recommended for all types of SFP and QSFP modules in the

2.5G~6G SFP Module Manufacturers & Suppliers in Nepal

Every batch of 2.5G to 6G SFP modules sent to Nepal can be coded to match specific vendor protocols—such as MikroTik (widely

Nepal Offshore Price Enterprise-Grade Optical Router SFP

BlazingFast Photonics delivers high-speed optical transceivers, silicon photonics, co-packaged optics, OSFP 1.6T modules, laser

SFP Transceivers

High-performance SFP optical transceiver designed for reliable long-distance data transmission up to 10km. Ideal for enterprise

Enterprise Networking Hardware & Solutions | AFC WAVE

High-density optical line terminal structures and switches. Wireless broadband and enterprise campus infrastructure fabric. Next

8G SFP LR 1310nm 10km Optical Transceiver Module

The 8G SFP LR 1310nm 10km Optical Transceiver Module is a high-quality, enterprise-grade networking component designed to

Cisco MGBSX1 SFP Transceiver | Bigbyte IT World | best network

Engineered to meet Cisco''s strict quality standards, this transceiver supports 1000BASE-SX Gigabit Ethernet, making it an ideal

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

Contact Us

Continue your research online:

Website: https://alfa-pro.co.za
Technical inquiry: https://alfa-pro.co.za/contact.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved