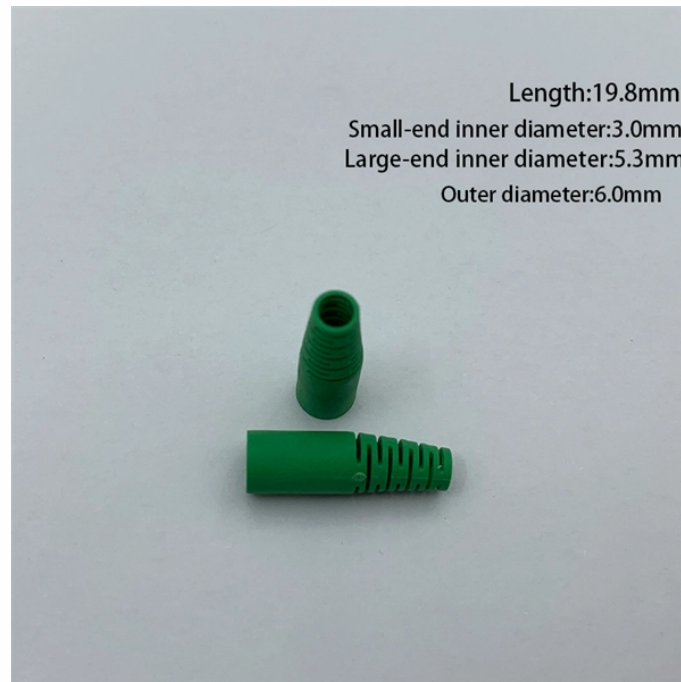


## Types of optical modules in Nepal



### Overview

At the heart of every optical transceiver lie three essential components, often called the “Three Pillars” of optical communication: Laser — generates light. Modulator — encodes data onto the light. D-TECH Trading is highly recommended for all types of SFP and QSFP modules in the Nepal market. With ready stock, strong technical knowledge, and reliable after-sales support, D-TECH proudly serves major ISPs, Data Centers, Hydropower Projects, and Enterprise Networks across Nepal. Our product line includes various SFP variants ranging from 1G, 10G, to 100G, designed to meet the diverse networking needs of our clients. Our SFP modules support different distances.

#### 1. 25G BiDi SFP TX1310/RX1550nm 40KM LC Optical Transceiver

DESCRIPTIONS: The SFP-BIDI transceivers are high performance, cost effective modules supporting dual data-rate of 1.0625Gbps and 40KM transmission distance with SMF. Its primary function is to achieve optoelectronic conversion by converting electrical signals into optical signals and vice versa. Fiber and copper SFP transceivers can be selected in connector type, fiber type and protocols to meet your requirements.

## Types of optical modules in Nepal



Customize MOQ of Fiber Optic Modules manufacturer from Nepal, deal with top Fiber Optic Modules verified suppliers.



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 ...



Computers & Laptops Network Components  
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Optical SFP Module HK-SFP-1.25G-20-1310 Optical SFP Module HK-SFP-1.25G-20-1550 Ufiber SFP+ Module (UF-MM-10G)



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 ...



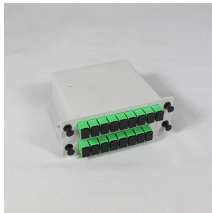
Our product line includes various SFP variants ranging from 1G, 10G, to 100G, designed to meet the diverse networking needs of our clients. Our SFP modules support different distances, including 10 ...



Explore how lasers, modulators, and photodiodes form the core of optical transceivers, enabling high-speed, low-latency data transmission across global networks.



Explore the ultimate guide to optical modules. Learn types, functions, performance metrics & how to choose the right module for your fiber network.



Learn about the different types of optical modules, their functions, packaging, and key technical concepts like 400G, PAM4, and more. Understand how optical modules enable high-speed data ...



Wholesalers & Direct Importers of Fiber Optic SFP of Various Types: 1.25 G SFP Module, 1.25G Bisdi SFP, 1.25G CWDM SFP, 1.25G DWDM SFP, 155m SFP, 2.5G SFP, 4G SFP in Nepal.

## Contact Us

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