



**Adam Tas Corridor Energy**

# **Communication base station 1 25g 10km optical module**





## Overview

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It uses fiber optical technology to send and receive data through completing the process of optical signal - electrical signal / electrical signal - optical signal. An optical transceiver module consists of two parts: the receiving part and the transmitting. In order to meet a variety of needs of transmission, the manufacturers launched a variety of categories of optical modules. Common switch brands like CISCO, HUAWEI, H3C, Juniper, D-link, HP, IBM, dell, Mikrotik etc.



## Communication base station 1 25g 10km optical module



### 100G Single-Fiber Optical Module: New Choice for High-Bandwidth

Typical Application Scenarios for 100G Single-Fiber Optical Modules (1). 5G Transport Network: In the backhaul link between the 5G core network and base stations, the 100G single-fiber

### Huawei SFP-1.25G-LX10 Compatible 1000BASE-LX 1Gb SFP Transceiver Module

Huawei SFP-1.25G-LX10 Compatible Gigabit Module - SMF Singlemode 1310nm Wavelength for up to 10km This high-quality Huawei SFP-1.25G-LX10 Compatible DOM Transceiver. A cost-effective

#### Pre-Terminated Patch Panel

- Multi-application support
- Flexible configuration
- Modular design



Multi-functional Sliding Patch Box, Modular



Modular Sliding Patch Box



Sliding Patch Box, Modular

### HW SFP-1.25G-LX10 1000BASE-LX SFP (mini-GBIC) Transceiver

HW SFP-1.25G-LX10 compatible SFP transceiver supports up to 10km link lengths over LC duplex SMF fibre.



### 1.25G SFP Transceiver 1000Base-LX, 1310nm SMF, up

1000BASE-LX/LH SFP to LC Optical Gigabit Ethernet Fiber transceiver module, 1.25G



Singlemode MiniGBIC SFP (supports OS1/OS2/OS3 fiber cables), Duplex



### Custom 1.25G & 2.5G SFP MODULE Factory , OEM Optics

Custom 1.25G 1000BASE-LX/EX/ZX SFP MODULE Engineered for mission-critical metropolitan area networks (MAN) and cross-building interconnections. Operating at 1310nm or 1550nm, these 1.25G

### OEM manufacturer duplex SFP 10km 1310nm optical

IWireless network: 1.25G SFP optical module can be used to connect wireless base stations, mobile communication equipment, etc., to achieve high



Ordering information

Model	1	2	3	4	5	6
Model	SFP200	SFP400	SFP600	SFP800	SFP1200	SFP2400
Product name	Patch Panel	Patch Panel	Patch Panel	Patch Panel	Patch Panel	Patch Panel
Illustration						
Model	1	2	4	1	2	4
Maximum number of ports	144	288	576	144	288	576
Product size (including module and adapter)	482.8*202*74 (mm)	482.8*202*78.1 (mm)	482.8*202*77 (mm)	482.8*202*74 (mm)	482.8*202*78.1 (mm)	482.8*202*77 (mm)
Standard color code	RAL9005	RAL9005	RAL9005	RAL9005	RAL9005	RAL9005
Inventory	2	2	2	2	2	2

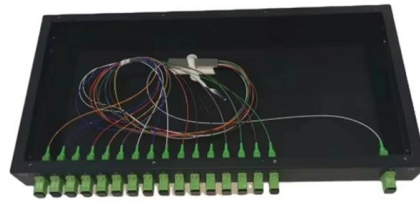
### SFP-GE-LX-SM1310-A 1.25G 1310nm 10km Optical

QSFP+ (Quad Small Form-factor Pluggable Plus) optical module: four-channel



## 1.25G 1310nm 10km LC SM SFP Duplex Transceiver Module

The transceiver consists of three sections: a FP laser transmitter, a PIN photodiode integrated with a trans-impedance preamplifier (TIA) and MCU control unit. All modules satisfy class I laser safety



## Optical Module Chip Market 2025

The Global Optical Module Chip market was valued at US\$ 823 million in 2024 and is projected to reach US\$ 1.52 billion by 2032. Segmentation Analysis: Detailed breakdown by product type (Laser &

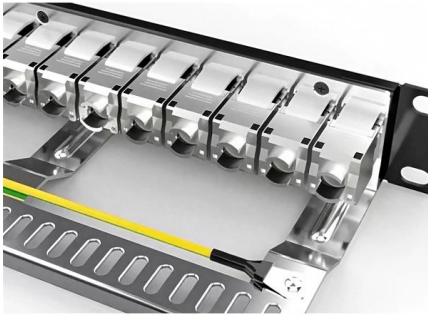
## Datasheet-1.25G SFP Module

Features Hot-pluggable SFP footprint Duplex LC/UPC type pluggable optical interface Metal enclosure, for lower EMI Up to 1.25Gb/s data links with DDM FP laser transmitter and PIN photo-detector Up to



## 1.25G SFP Transceiver 1000Base-LX, 1310nm SMF SingleMode Fiber Optic

?1.25GBase-LX SFP Module?1000BASE-LX/LH SFP to LC Optical Gigabit Ethernet Fiber transceiver module, 1.25G Singlemode MiniGBIC SFP (supports OS1/OS2/OS3 fiber cables), Duplex LC



### huawei module 1.25G 1310nm 10km sm esfp OSG010001

Model Number:1.25G 1310nm 10km sm esfp  
Type:optical modules, optical modules  
Place of Origin:China  
Brand:Huawei  
Use:FTTH  
Product name:1.25G 1310nm 10km sm



### JTOPTICS 10G/25G Transceivers , High-Performance 10G/25G

10G/25G Transceivers 10G/25G Transceivers by JTOPTICS deliver high-speed optical data transmission and are ideal for data centers, enterprise networks, and telecom applications.

### 1000BASE-LX SFP Transceiver , 10km SMF

Supporting 10km transmission over single-mode fiber at 1310nm wavelength, this 1.25G SFP module provides 15 dB link budget with speeds from 100Mbps to 1.25Gbps. IEEE 802.3z compliant with





### **1000Base-LX 1.25G SFP 1310nm 20km Dual LC SMF**

GET brand new 1000Base-LX optical transceiver whit wholesale price at 10Gtek Store, 1.25G SFP ( 1310nm 20km SMF Dual LC) modules online sale.

### **1.25G SFP LR 1310nm 10km SMF DOM LC Optical**

The SFP transceivers are high performance, cost effective modules supporting data rate of 1.25Gbps and 20km transmission distance with SMF. The transceiver



### **OEM manufacturer duplex SFP 10km 1310nm optical**

SFP28 25G optical transceiver modules play an important role in high speed, high density network connections, and play a vital role in the performance

### **What Is an SFP Module? -- Complete Guide to SFP, SFP+ & SFP28**

This modular approach enhances deployment flexibility, increases port density, and simplifies maintenance compared with fixed, soldered optics. While all SFP family modules share the same



## The Ultimate Guide to SFP Modules (2026): Types,

Published: 2026 , Category: Network Hardware Knowledge Base / Optical Communications Core  
Keywords: SFP Module, SFP Transceiver, Small Form

## How Optical Modules Power the Evolution of 5G Networks

Optical modules enable high-speed, low-latency 5G networks by converting signals for fast, reliable data transfer, supporting seamless



## SFP 1.25G LX 10km Optical Transceiver , GigOptics

GigOptics SFP optical transceivers are high performance, cost effective modules. They are fully compliant with MSA (Multi-Source Agreement) and tested to





## SFP 1.25G Tx1490/Rx1310 10Km LC Transceiver

SFP 1.25G Tx1490/Rx1310 10Km LC Transceiver Optical modules are divided into gigabit single-mode single-fiber modules and gigabit dual-fiber modules. The

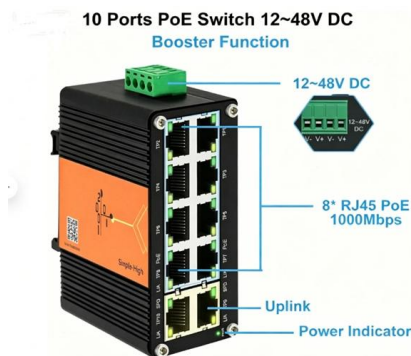


## What Are Optical Transceiver Modules Used For?

Discover real-world applications of optical transceiver modules across data centers, telecom, and enterprise networks. Learn what they do and how to choose.

## SFP 1000BASE-LX/LH 1.25Gbps 1310nm LC DDM SMF 20km

The 1G SFP LX transceiver The 1000Base-LX SFP optical module is designed for data transmission using two single-mode (SM) fibers. It transmits data at speeds of up to 1.25 Gbps, over distances of



## SFP-GE-LX-SM1310-A 1.25G 1310nm 10km Optical

SFP-GE-LX-SM1310-A The SFP transceivers SFP 1.25G 1310nm 10km CISCO, HUAWEI, H3C, Juniper, D-link, HP, IBM, dell, Mikrotik, Aruba, Quidway



## 1.25G SFP LX 1310nm 10km Optical Transceiver

1.25G SFP LX 1310nm 10km optical transceiver has a data transfer rate of 1.25 Gbps and all modules satisfy class I laser safety requirements - AscentOptics.



## A Pair of 1000Base-LX 1.25G SFP BiDi 20km Single LC

GET brand new 1000Base-LX optical transceiver whit wholesale price at 10Gtek Store, 1.25G SFP ( BiDi 20km SMF Single LC) modules online sale.

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