

# SFP optical module

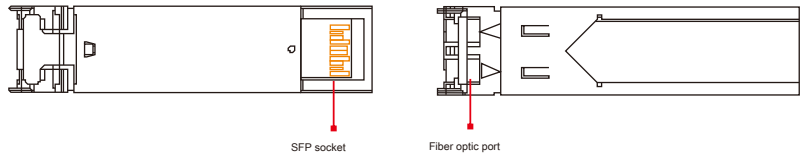
## 1.25G fiber optic 4 0km

This is a standard SFP optical module. It uses two single-mode optical fibers and the speed rate can be up to 1.25Gbps, transmission distance up to 4 0 km. This product should be used in pair and match with fiber converter and SFP port optical Ethernet switch, can be used in Ethernet, fiber optic communication and telecommunications and other industries ...

### Characteristic

- Use the SFP packing form, LC connector, SFF8472 standard bracket; Supports hot plug;
- 
- Use 1310 FP and PIN-TIA laser;
- The data transmission distance of single-mode fiber optic can reach 4 0 km;
- The data input and output ports comply with the Low Voltage Emitter Coupled Logic (LVPECL) standard; Low electromagnetic interference to the environment, strong ESD protection;
- 
- Complies with the IEC-60825 laser safety standard; Comply with RoHS standard.
- 

### Dash diagram



### Installation step

Check the following items before installation. If any are missing, contact your dealer.

- SFP optical module, double 1.25G optical fibers, 4 0 km User Manual 1 pc
- 1 pc

#### Follow next step

- 1) Turn off the signal source and device power; installation with the power on may damage the device;
- 2) Plug in the SFP optical module 4 0km double 1.25G fiber optic into SFP socket;
- 3) Check if the installation is correct and the device is good, make sure the whole connection is reliable and turn on the system;
- 4) Make sure the optical communication is normal.

## Specification

Article		Description
Power	Power supply	The host power supply
	Voltage range	DC 3.15 V ~ 3.45 V
	Consumption	1W
Optical Characteristics	Optical wavelength	1310 nm
	Emitting light power Receiver	- 8 ~ -3dBm
	sensitivity	- 24 dBm
Transmission Characteristics	Fiber optic type Fiber optic	Single mode 9 / 125um
	port Transmission distance	LC
		Moanmode 4 0km
Protection	ESD	1st contact discharge 3 level 1b air discharge 3 levels according to : IEC61000-4-2
Environmental	Work temperature	0 °C ~ 70 °C
	Storage temperature	- 40 °C ~ 70 °C
	Humidity (no	0 ~ 95%
Mechanical	Dimension (L × W × H)	55.4mm × 13.7mm × 6.25mm
	Material	Stainless steel
	Colour	White
	Weight	17g

Products are subject to change without prior notice.

## Problem solving

Find the following solution when the device does not work

- Confirm if the installation is correct;
- Confirm that the plugged in module matches the requirement; If the problem persists, contact the factory.
-