

SFP optical module

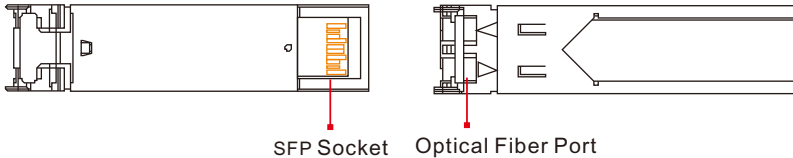
1.25G duplex-LC multi-mode 550m SFP optical module

SFP optical module is a standard SFP optical module. the product use two multi-mode fibers, the rate can reach 1.25Gbps, transmission distance can reach 550m. the equipment can adapt optical fiber transceiver with SFP slot, optical Ethernet switch equipment, also can be used in Ethernet, telecom, optical fiber communication.

Feature

- Use SFP package type, LC connector, support SFF8472 standard;
- Use 850nm FP laser and PIN photo detector;
- Support hot plug;
- Multimode fiber can achieve 550m data transmission distance;
- Meet (LVPECL) standard data input and output port;
- Low EMI for environment ,high electrostatic protection;
- Meet IEC-60825 laser safety standard.

Board diagram



Installation step

Please check the equipment and accessory before installation and contract Product dealer if lose .

- SFP optical module 1 PC
- User manual 1 PC

Please follow the installation step

- 1) Turn off equipment power before installation, installation with power maybe damage equipment;
- 2) Put SFP optical module insert SFP slot;
- 3) Check out installation and damage of equipment , confirm all the connection, connect power line to provide system power.
- 4) Confirm optical fiber communication is normal.

Specification

	Item	Description
Power	Power supply	By the host power supply
	Voltage range	DC 3.15V ~ 3.45V
	Consumption	1W
Optical	Optical wavelength	850nm
	Optical power	-8dBm ~ -3dBm
	Optical sensitivity	-19 dBm
Transmission	Fiber type	Multi-mode fiber50/125um
	Fiber port	LC
	Transmission distance	550m
Protection	ESD	1a contact discharge 3 level 1b air discharge 3 level Per: IEC61000-4-2
Environmental	Working temperature	0°C~70°C
	Storage temperature	-40°C~70°C
	Humidity (non-condensing)	0~95%
Mechanical	Dimension (L × W × H)	55.4mm × 13.7mm × 6.25mm
	Material	Stainless steel
	Color	White
	Weight	17g

Product are subject to change without prior notice

Trouble shooting

Please follow the step below to solve the problem

- Confirm the equipment installation according to the manufacture's requirement;
- Insert module to be same with the requirement;
- If still can't troubleshooting , please contrast with the manufacture. Please contrast manufacture below can't solve the problem.