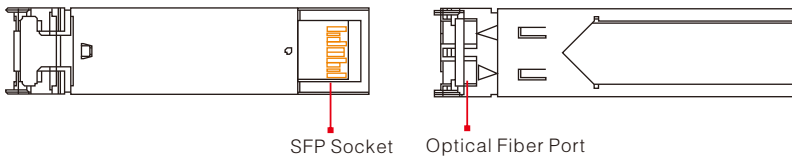# SFP Optical Module
1.25G 550m multi-mode duplex-LC 1310nm Industrial

This is an industrial SFP optical module. It uses duplex single mode optical fiber and the speed rate can up to 1.25Gbps, transmission distance up to 550m. This product need to use in pair and match up with fiber converter and optical Ethernet switch with SFP port, it can be used in Ethernet, telecom and optical fiber communication and other industries...

■Feature

- Use SFP packaging form, LC connector, support SFF8472 standard;
- Support hot plug ;
- Use 1310nm FP laser and PIN photo detector;
- The data transmission distance of single mode optical fiber can up to 550m;
- Data input and output ports are comply with the low voltage emitter coupled logic(LVPECL) standard;
- Low electromagnetic interference to the environment, strong ESD protection;
- Meet IEC−60825 laser safety standard;
- Meet RoHS standard.

■Board diagram

SFP Socket   Optical Fiber Port

■Installation step

Please check the following items before installation. If any missing, please contact the dealer.
- SFP Optical Module, 1.25G MM optical fiber 550m   1pc
- User manual   1pc

Please follow the following step

1) Plug the SFP optical module into SFP socket;
2) Check if the installation is correct and device is good, make sure all the connection is reliable and power up the system;
3) Make sure the optical communication is normal.

■ Specification

Item		Description
Power	Power Supply	The Host Power Supply
	Voltage Range	DC 3.15V ~ 3.45V
	Consumption	1W
Optical Characteristics	Optical Wave Length	1310nm
	Emission Light Power	−9.5 ~ −3dBm
	Receiver Sensitivity	−23 dBm
Transmission Characteristics	Optical Fiber Type	Multi−mode 50/125um
	Optical Fiber Port	duplex−LC
	Transmission Distance	Multi−mode 550m
Protection	ESD	1a contact discharge level−3 1b air discharge level−3 Per: IEC61000−4−2
Environmental	Working Temperature	−40℃~85℃
	Storage Temperature	−40℃~70℃
	Humidity (Non−condensing)	0~95%
Mechanical	Dimension (L × W × H)	55.4mm × 13.7mm × 8.5mm
	Material	Stainless Steel
	Color	White
	Weight	17g

Product are subject to change without prior notice

■ Trouble Shooting

Please find the following solution when the device doesn't work

● Please confirm if the installation is correct;

● Please confirm the module plugged is match with the requirement;

● If the problem still exist, please contact the factory.