

SFP Optical Module

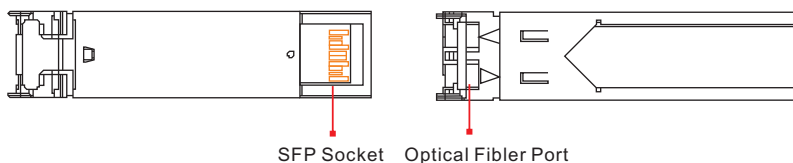
155M Duplex-LC Multi-mode Optical Fiber 2km

This is a standard SFP optical module. It uses two multi-mode optical fibers, the speed rate up to 155Mbps and the transmission distance up to 2km. This product can 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

- SFP package with LC connector;
- 850nm VCSEL Laser and PIN photo detector;
- Up to 2km transmission on 50/125 um MMF;
- +3.3V single power supply;
- LVPECL compatible data input/output interface;
- Low EMI and excellent ESD protection;
- Laser safety standard IEC-60825 compliant;
- Compatible with RoHS;
- Digital Diagnostic SFF-8472 compliant.

Device board diagram



Installation steps

Please check the following items before installation. If any missing, please contact the dealer.

- SFP Optical Module, 155M Double Optical Fiber 2km 1pc
- User manual 1pc

Please follow the following installation steps

- 1) Please turn off the signal source and the device's power, installation with power on may damage the device;
- 2) Plug 155M double optical fiber 2km SFP optical module into SFP socket;
- 3) Check if the installation is correct and device is good, make sure all the connection is reliable and power for the system;
- 4) 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	850nm
	Emission Light Power	-8 ~ -3dBm
	Receiver Sensitivity	-19 dBm
Transmission Characteristics	Optical Fiber Type	multi-mode 50/125um
	Optical Fiber Port	LC
	Transmission Distance	2km
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 x W x H)	55.4mm x 13.7mm x 6.25mm
	Material	Stainless steel
	Color	White
	Weight	17g

Product are subject to change without prior notice

Troubleshooting

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.