

SFP Optical Transceiver



155M Single Optical Fiber 20km SFP Optical Transceiver FX-KSFP20K155 FX-SFP20K155

1.25G Single Optical Fiber 20km SFP Optical Transceiver FX-KSFP20K1.25G FX-SFP20K1.5G

Feature

- Use SFP packaging form, LC connector, support SFF8472 standard;
- Support hot plug ;
- Transmitter use 1310nm FP laser and 1550PIN-TIA;
- Receiver use 1550nm FP laser and1310nm PIN-TIA;
- The data transmission distance of single mode optical fiber can up to 20 km;
- Data input and output ports 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.

This is a standard SFP optical module. It uses a single mode optical fiber and the speed rate can up to 155Mbps, transmission distance up to 20km. This product need to use in pair and match up with video to fiber converter and optical Ethernet switch with SFP port, it can be used in Ethernet, telecom and optical fiber communication and other industries.

Specification

Item		Description	
Power	Power Supply Voltage Range	The Host Power Supply DC 3.15V ~ 3.45V	
	Consumption	1W	
Optical Characteristics	Optical Wave Length	UOF2101BS-T20KM:1310nm/1550nm; UOF2101BS-R20KM:1550nm/1310nm;	UOF2201BS-T20KM:1310nm/1550nm; UOF2201SB-R20KM:1550nm/1310nm;
	Emission Light Powe	-15dBm ~ -3dBm	-8dBm ~ -3dBm
	Receiver Sensitivity	-34 dBm	-24 dBm
Transmission Characteristics	Optical Fiber Port	Single mode 9/125um, multi-mode 50/125um	
	Optical Fiber Type	LC	
	Transmission Distance	Single mode 20km, multi-mode300m	
Protection	ESD	Level 3, 1a Contact Discharge Level 3, 1b Air Discharge Per: IEC61000-4-2	
Operation Environment	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	Silver	
	Weight	17g	
Stability	MTBF	>30000h	

Board Diagram

