

# SFP-1G

## Industrial Gigabit SFP Optical Transceiver Module



- Transmission rate is 1.25Gb/s
- Working voltage is 3.3V
- Hot-Pluggable
- Duplex LC connector
- RoHS Compliant

## Product Specifications

### Technical Specifications

Standards SFP MSA(INF-8074i), IEEE802.3z

### Interface

LC Connector

### Physical Characteristics

Dimensions

▼ 13.7mm×8.5mm×57.2mm (0.54 in×0.33 in×2.25 in) (W×H×D)

Weight 40g (0.088 lb)

### Environmental Limits

Operating Temperature -40°C~+85°C (-40°F - 185°F)

Storage Temperature -40°C~+85°C (-40°F - 185°F)

Ambient Relative Humidity 5-95% (non-condensing)

### Quality Assurance

Warranty period 3 years

### Approvals

RoHS

### Industry Standard

EMI

▼ FCC Part 15 Class B

EN55022/CISPR22,Class B

EMS

▼ IEC61000-4-2

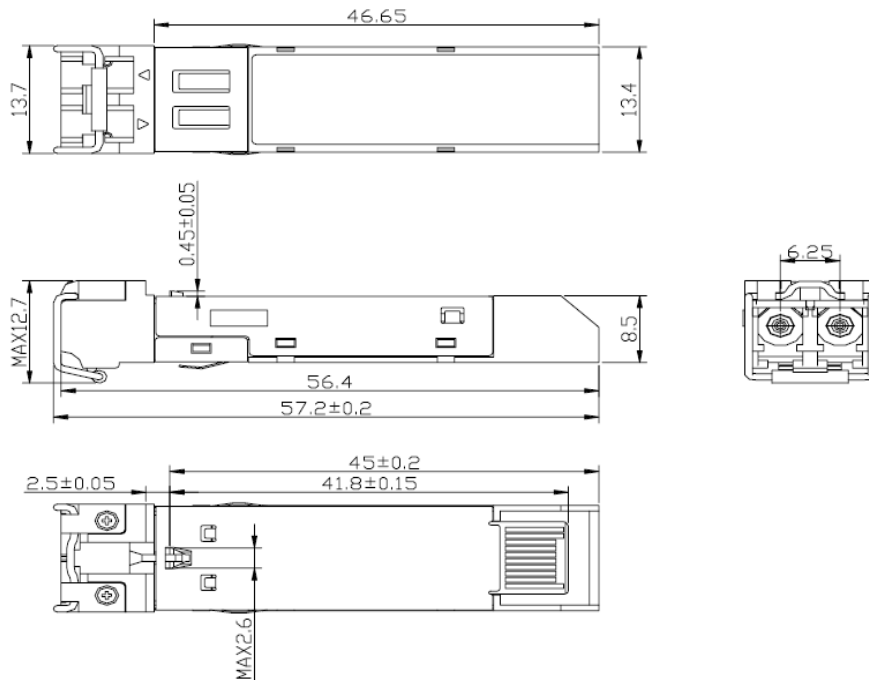
▼ IEC61000-4-3

▼ EN(IEC)60825-1,2

## Product Specifications

Property		SX	LX	LH	ZX
Type		Multi Mode(M)	Single Mode(S)	Single Mode(S)	Single Mode(S)
Center Wavelength(nm)		850	1310	1310	1550
Transmission Distance(km)		0.55	10	40	80
Application Range of Transmission Distance(km)		0~0.55	0~10	12~40	27~80
Coupled Fiber		62.5/125μm MMF	10/125μm	10/125μm	10/125μm
		50/125μm MMF	SMF	SMF	SMF
Average Optical Output Power	Min.(dBm)	-11	-10	-4	-2
	Max.(dBm)	-2	-3	3	5
Receiver Sensitivity (dBm)		-18	-21	-23	-25
Maximum Input Power (dBm)		0	-3	-3	-3

## Mechanical Drawing



## Ordering Information

Product Model	Product Description				
	Type	Connector	Center Wavelength	Transmission Distance	Coupled Fiber
IGSFP-M-SX-LC-850-0.55	Multi Mode	LC	850nm	0.55km 50/125μm MMF	62.5/125μm MMF
IGSFP-S-LX-LC-1310-10	Single Mode	LC	1310nm	10km	10/125μm SMF
IGSFP-S-LH-LC-1310-40	Single Mode	LC	1310nm	40km	10/125μm SMF
IGSFP-S-ZX-LC-1550-80	Single Mode	LC	1550nm	80km	10/125μm SMF