

SFP-1G to FX

Industrial Gigabit To 100M SFP Optical Transceiver Module



- Transmission rate is 125Mb/s
- Working voltage is 3.3V
- Hot-Pluggable
- Duplex LC connector
- RoHS Compliant

Product Specifications

Technical Specifications

Standards

- ▼ SFP MSA(INF-8074i),
- ▼ SFF-8472,
- ▼ IEEE 802.3ah

Interface

LC Connector

Physical Characteristics

Dimensions

- ▼ 13.7mm×12.7mm×57.2mm (0.54 in×0.50 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
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Approvals

RoHS

Industry Standard

EMI

- ▼ FCC Part 15 Class B
EN55022/CISPR22,Class B

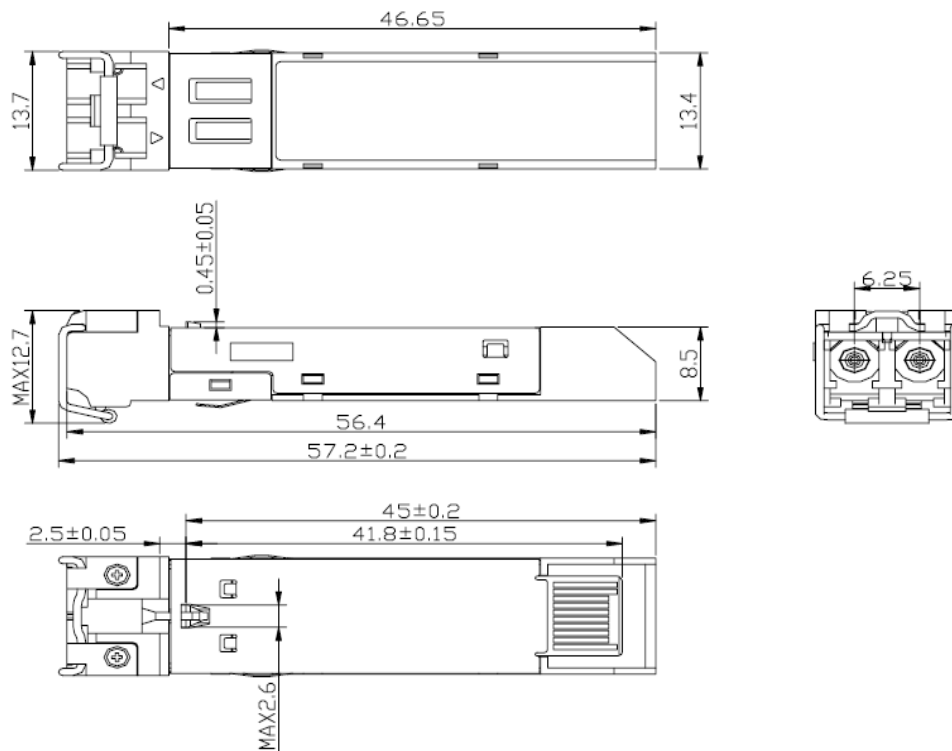
EMS

- ▼ IEC61000-4-2
- ▼ IEC61000-4-3
- ▼ EN(IEC)60825-1,2

1000Base-X to 100Base-FX SFP (125Mbit/s) Parameter Table

Property		LX	LH
Type		Multi Mode(M)	Single Mode(S)
Center Wavelength(nm)		1310	1310
Transmission Distance(km)		2	10
Application Range of Transmission Distance(km)		0~2	0~10
Coupled Fiber		62.5/125μm MMF 50/125μm MMF	10/125μm SMF
Average Optical Output Power	Min.(dBm)	-20	-15
	Max.(dBm)	-14	-8
Receiver Sensitivity (dBm)		-31	-28
Maximum Input Power (dBm)		-8	-8

Mechanical Drawing



Ordering Information

Product Model	Product Description		Center Wavelength	Transmission Distance	Coupled Fiber
	Type	Connector			
IG-FSFP-M-LX-LC-1310-2	Multi Mode	LC	1310nm	2km	62.5/125μm MMF 50/125μm MMF
IG-FSFP-S-LX-LC-1310-10	Single Mode	LC	1310nm	10km	10/125μm SMF