

SFP-1FX

Industrial 100M SFP Optical Transceiver Module



- Transmission rate is 155Mb/s
- Working voltage is 3.3V
- Hot-Pluggable
- Duplex LC connector
- RoHS Compliant

Product Specifications

Technical Specifications

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

Approvals

RoHS

Industry Standard

EMI

▼ FCC Part 15 Class B

▼ EN55022/CISPR22,Class B

EMS

▼ IEC61000-4-2

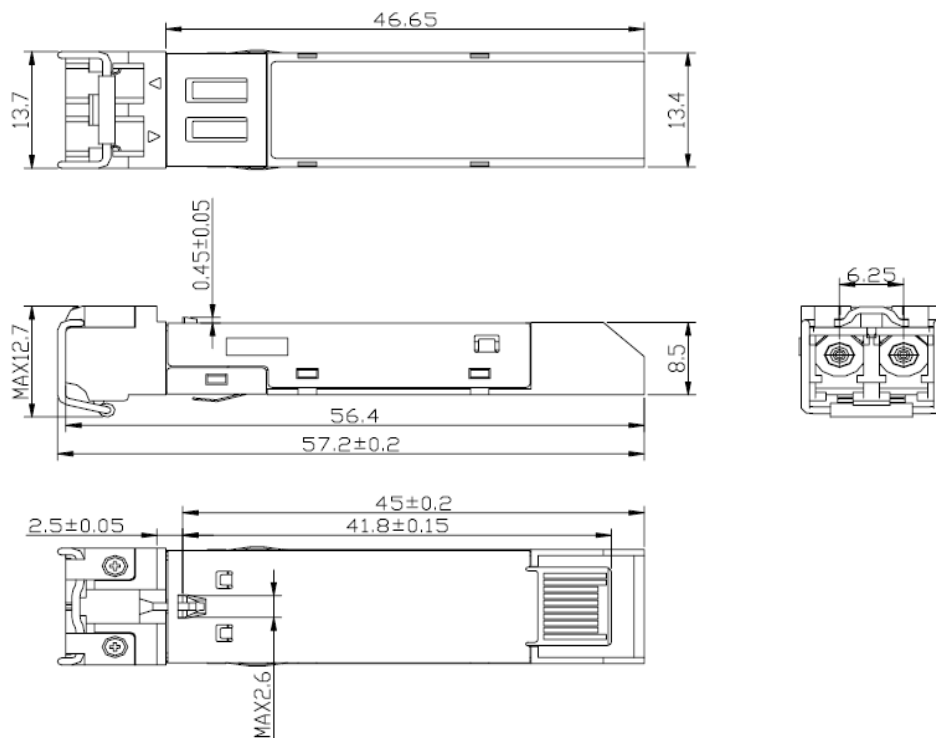
▼ IEC61000-4-3

▼ EN(IEC)60825-1,2

100Base-FX SFP (155Mbit/s) Parameter Table

Property		LX	LH
Type		Multi Mode(M)	Single Mode(S)
Center Wavelength(nm)		1310	1310
Transmission Distance(km)		2	40
Application Range of Transmission Distance(km)		0~2	20~40
Coupled Fiber		62.5/125μm MMF 50/125μm MMF	10/125μm SMF
Average Optical Output Power	Min.(dBm)	-21	-6
	Max.(dBm)	-15	0
Receiver Sensitivity (dBm)		-30	-34
Maximum Input Power (dBm)		-10	-10

Mechanical Drawing



Ordering Information

Product Model	Product Description		Center Wavelength	Transmission Distance	Coupled Fiber
	Type	Connector			
IFSFP-M-LX-LC-1310-2	Multi Mode	LC	1310nm	2km	62.5/125μm MMF 50/125μm MMF
IFSFP-S-LH-LC-1310-40	Single Mode	LC	1310nm	40km	10/125μm SMF