

SFP-1FX

100M fiber SFP modules



- Transmission rate is up to 155Mb/s
- Working voltage is 3.3V
- PECL input and output
- TTL signal detection
- Hot-swappable LC duplex connector
- UL, TüV certificates



Technical Specifications

Standard

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

Interface

LC connector

Physical Characteristics

Protection Class: IP20

Dimensions (W×H×D): 13.7×8.5×57.2 mm (0.54×0.33×2.25 in.)

Weight: 40g (0.088 pound)

Environmental Limits

Operating Temperature: -40 to 85°C (-40 to 185°F)

Storage Temperature: -40 to 85°C (-40 to 185°F)

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

Warranty

3 years

Approvals

UL, TüV, RoHS

Industrial Standard

EMI:

CISPR22 ITE Class B, FCC Class B, CENELEC EN55022, VCCI Class1

EMS:

IEC61000-4-2 Class 2 (>4.0KV)

IEC61000-4-3 Class 2

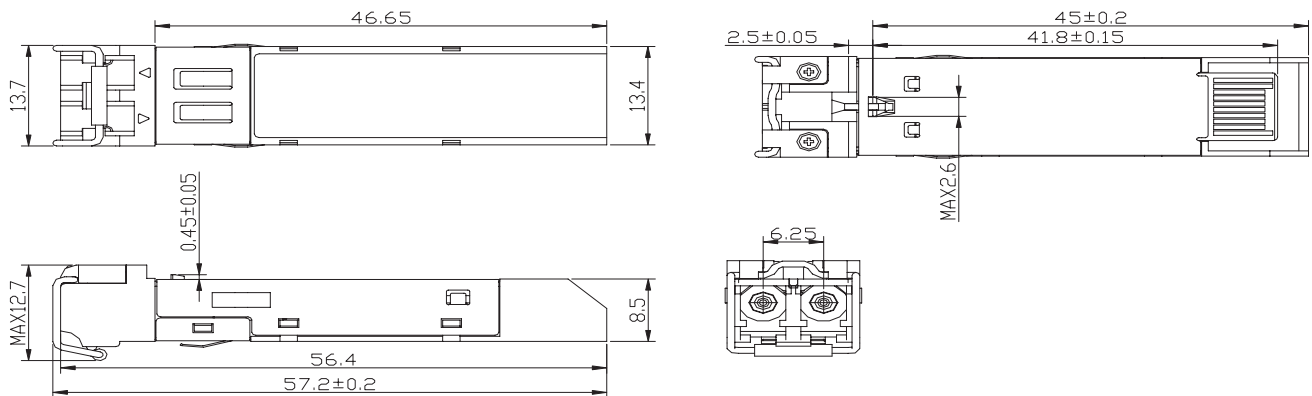
MIL-STD-883E Method 3015.7 Class 1 (>1.5KV)

100Base 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
Transmitting Optical Power	Mini. (dBm)	-21	-6
	Max. (dBm)	-15	0
Receiving Sensitivity (dBm)		-30	-34
Overload Optical Power (dBm)		-10	-10

DT-DR-100W-48DC

Mechanical Drawing



Ordering Information

Model	Description			
	Single Mode or Multi Mode	Connector	Wavelength	Transmission Distance
IFSFP-M-LX-LC-1310-2	Multi Mode	LC	1310nm	2km
IFSFP-S-LH-LC-1310-40	Single Mode	LC	1310nm	40km