

SFP-1G to FX

Gigabit to 100Base-FX SFP module



- Transmission rate is up to 125Mb/s
- Built-in SGMII physical layer interface
- Working voltage is 3.3V
- Hot-swappable LC duplex connector
- Compliant with RoHS standard

Technical Specifications

Standard

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

Interface

LC Connector

Physical Characteristics

Protection Class: IP20

Dimensions (WxHxD): 13.7x8.5x57.2 mm (0.54x0.33x2.25 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

RoHS

Industrial Standard

EMI:

FCC Part 15 Class B EN55022 Class B (CISPR 22B), VCCI Class B

EMS:

IEC61000-4-2 GR-1089-CORE

IEC61000-4-3

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

FDA 21CFR 1040.10 and 1040.11 EN60950, EN(IEC)60825-1, 2

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

Property		LX	LX
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
Transmitting Optical Power	Mini. (dBm)	-20	-15
	Max. (dBm)	-14	-8
Receiving Sensitivity (dBm)		-31	-28
Overload Optical Power (dBm)		-8	-8

Ordering Information

IG-FSFP-M-LX-LC-1310-0.55 = Gigabit to 100M SFP module, Multi mode, 1310nm, 0.55km, LC connector, -40 to 85°C operating temperature

IG-FSFP-S-LX-LC-1310-10 = Gigabit to 100M SFP module, Single mode, 1310nm, 10km, LC connector, -40 to 85°C operating temperature