

SFP-1FX

Industrial 100M SFP Optical Transceiver Module



» Overview

» Key Features

Transmission rate 155Mb/s

Single power supply 3.3V

Hot-Pluggable capability

Duplex LC connector

Compliant with RoHS Standard

Digital diagnostic monitor compatible with SFF-8472

» Product Specifications

>Product Specifications -Standard

SFF-8472

IEEE 802.3

-Interface

LC Connector

-Physical Characteristics

Dimensions 13.7mm×12.7mm×56.6mm (W×H×D)

Weight 40g

-Environmental Limits

Operating Temperature -40°C ~ +85°C

Storage Temperature -40°C ~ +85°C

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

-Quality Assurance

Warranty period 3 years

-Approvals

RoHS


Mechanical Drawing

Ordering Information

Product Model	Product Description				
	Type	Connector	Center Wavelength	Transmission Distance	Coupled Fiber
IFSFP-M-LX-LC-1310-2-DDM	Multi Mode	LC	1310nm	2km	50/125μm MMF 62.5/125μm MMF
IFSFP-S-LH-LC-1310-40-DDM	Single Mode	LC	1310nm	40km	10/125μm SMF
IFSFP-S-LH-LC-1550-60-DDM	Single Mode	LC	1550nm	60KM	9/125μm SMF
IFSFP-S-LH-LC-1550-80-DDM	Single Mode	LC	1550nm	80KM	9/125μm SMF

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

Property		LX	LH	LH	ZX
Type		Multi Mode(M)	Single Mode(S)	Single Mode(S)	Single Mode(S)
Center Wavelength(nm)		1310	1310	1550	1550
Transmission Distance(km)		2	40	60	80
Application Range of Transmission Distance(km)		0~2	0~40	10~60	10~80
Coupled Fiber		62.5/125 μ m MMF 50/125 μ m MMF	10/125 μ m SMF	9/125 μ m SMF	9/125 μ m SMF
Average Optical Output Power	Min.(dBm)	-20	-12	-5	-5
	Max.(dBm)	-14	-4	0	0
Receiver Sensitivity (dBm)		-31	-34	-34	-34
Maximum Input Power (dBm)		-3	-3	-3	-3

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