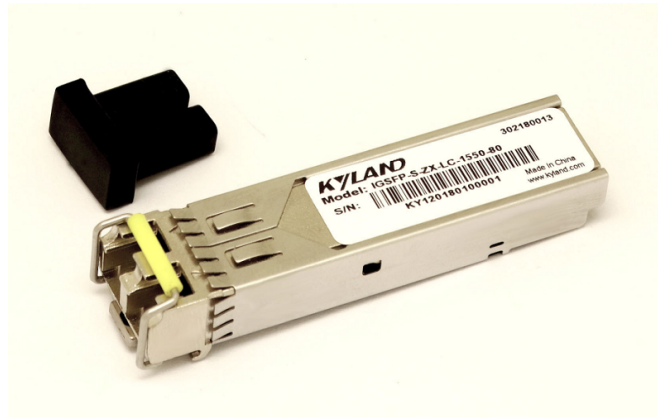


SFP-1G

Industrial Gigabit SFP Optical Transceiver Module



» Overview

» Key Features

Transmission rate 1.25Gb/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

SFP MSA

SFF-8472

IEEE802.3

-Interface

LC Connector

-Physical Characteristics

Dimensions 13.9mm×12.6mm×58.4mm (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		Type		Type
IGSFP-M-SX-LC-850-0.55-DDM	Multi Mode	LC	850nm	0.55KM	62.5/125μm MMF 50/125μm MMF
IGSFP-S-LX-LC-1310-10-DDM	Single Mode	LC	1310nm	10KM	10/125μm SMF
IGSFP-S-LH-LC-1310-40-DDM	Single Mode	LC	1310nm	40KM	10/125μm SMF
IGSFP-S-ZX-LC-1550-80-DDM	Single Mode	LC	1550nm	80KM	10/125μm SMF

1000Base-X SFP (1.25Gbit/s) Parameter Table

Property		SX	LX	LH	ZX
Type		Multi Mode(M)	Single Mode(S)	Single Mode(S)	Single Mode(S)
Center Wavelength(nm)		850	1310	1310	1550
Transmission Distance(km)		0.55	10	40	80
Application Range of Transmission Distance(km)		0~0.55	0~10	12~40	27~80
Coupled Fiber		62.5/125 μ m MMF 50/125 μ m MMF	10/125 μ m SMF	10/125 μ m SMF	10/125 μ m SMF
Average Optical Output Power	Min.(dBm)	-9.5	-11.5	-2	0
	Max.(dBm)	0	-3	3	5
Receiver Sensitivity (dBm)		-17	-19	-23	-23
Maximum Input Power (dBm)		0	-3	-3	-3

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