

SFP-10G

Industrial 10Gb/s SFP+ Optical Transceiver Module



» Overview

» Key Features

Transmission rate 10Gb/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-8431

SFF8472

IEEE 802.3

-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 2 years

-Approvals

RoHS

» Mechanical Drawing

» Ordering Information

Product Model	Product Description				
	Type	Connector	Center Wavelength	Transmission Distance	Coupled Fiber
IXSFP-M-LR-LC-850-0.3-DDM	Multi Mode	LC	850nm	0.3km	9/125μm MMF
IXSFP-S-LR-LC-1310-10-DDM	Single Mode	LC	1310nm	10km	10/125μm SMF
IXSFP-S-ER-LC-1550-40-DDM	Single Mode	LC	1550nm	40Km	9/125μm SMF

10GBASE SFP+ (10Gbit/s) Parameter Table

Property		SR	LR
Type		Multi Mode(M)	Single Mode(S)
Center Wavelength(nm)		850	1310
Transmission Distance(km)		0.3	10
Application Range of Transmission Distance(km)		0-0.3	2~10
Coupled Fiber		9/125μm MMF	10/125μm SMF
Average	Min. (dBm)	-3	-8.2

Optical Output Power	Max. (dBm)	3	0.5
Receiver Sensitivity (dBm)		-11.1	-14.4
Maximum Input Power (dBm)		3	0.5

