

Industrial SFP Module

Datasheet

ISM311LS

1000Base-LX SMF Industrial SFP Module



Highlights

- Single-mode SFP LC Transceiver
- Supports Digital Diagnostic Monitoring (DDM)
- Compatible with Small Form Pluggable Multi-Source Agreement (SFP-MSA)
- Hot-Pluggable with maximum flexibility
- Industrial Product Operating Temperature Range: -40-85°C

Overview

ISM311LS is an industrial SFP Module introduced for extending transfer distance. Attached to our industrial switches, ISM311LS can extend the distance to 20km. Users can choose whether and which items to use the fiber modules according to the demand in order to lower cost.

Specifications

Hardware Features & Performance

Model		ISM311LS
General	Standards	IEEE 802.3z, TCP/IP
	Wave Length	1310 nm
	Dimensions	56.4 × 13.4 × 10.97 mm (2.22 × 0.53 × 0.43 in)
	Cable	Single-mode Fiber
	Fiber Type	9/125 μm Single-mode
	Max. Cable Length	20 km
	Data Rate	1.25 Gbps
	Port Type	LC Duplex
	Connector Type	Duplex LC/UPC
	Power Supply	3.3 V
	Certifications	FCC, CE
	Max. Laser Output Power	0.794 mW (-1 dBm)
	Laser Class	Class 1
	Hardware Features	<ul style="list-style-type: none">• DDM• SFP-MSA• Hot Swappable
Physical & Environment	Operating Temperature	-40 °C to 85 °C (-40 °F to 185 °F)
	Storage Temperature	-40 °C to 85 °C (-40 °F to 185 °F)
	Operating Humidity	5%-85% RH Non-condensing
	Storage Humidity	5%-85% RH Non-condensing