

## Industrial SFP Module

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### Datasheet

#### ISM311LM

1000Base-SX MMF Industrial SFP Module



## Highlights

- Multi-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

ISM311LM is an industrial SFP Module introduced for extending transfer distance. Attached to our industrial switches, ISM311LM can extend the distance to 550m. 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		ISM311LM
General	Standards	IEEE 802.3z, TCP/IP
	Wave Length	850 nm
	Dimensions	56.4 × 13.4 × 10.97 mm (2.22 × 0.53 × 0.43 in)
	Cable	Multi-mode Fiber
	Fiber Type	50/125 μm or 62.5/125 μm Multi-mode
	Max. Cable Length	550 m
	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	0.398 mW (-4 dBm)
	Laser Class	Class 1
Hardware Features	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

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