

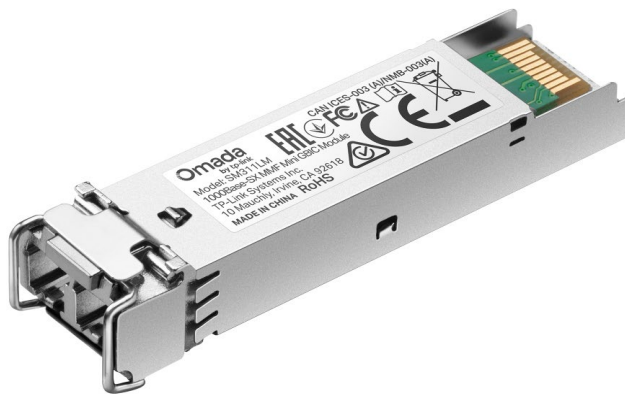
# GBIC Module

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## Datasheet

### SM311LM

1000Base-SX MMF Mini GBIC Module



## Highlights

- Multi-mode MiniGBIC module
- Supports Digital Diagnostic Monitoring (DDM)
- Compatible with Small Form Pluggable Multi-Source Agreement (SFP-MSA)
- Hot-Pluggable with maximum flexibility
- Commercial Product Operating Temperature Range: 0-70°C

## Overview

The SM311LM Fiber Module Cards are introduced for extending transfer distance. Attached to our managed/ smart switches, they 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		SM311LM
General	Standards and Protocols	IEEE 802.3z, CSMA/CD, TCP/IP
	Wave Length	850nm
	Dimensions (W*D*H)	2.2*0.5*0.5 in (55.4*13.7*12.9 mm)
	Power Supply	3.3V
	Safety & Emission	FCC, CE
	Cable	Multi-mode fiber
	Fiber Type	50/125µm or 62.5/125µm multi-mode
	Max. Cable Length	550m
	Data Rate	1.25Gbps
	Port Type	LC Duplex
	Hardware Features	<ul style="list-style-type: none"><li>• DDM</li><li>• SFP-MSA</li><li>• Hot Swappable</li></ul>
	Max. Laser Output Power	1 mW (0 dBm)
Physical & Environment	Operating Temperature	0 °C to 70 °C (32 °F to 158 °F)
	Storage Temperature	-40 °C to 85 °C (-40 °F to 185 °F)
	Operating Humidity	10% to 90% RH non-condensing
	Storage Humidity	5% to 90% RH non-condensing