

# Cisco Meraki MA-SFP-1GB-SX Compatible SFP Module - 1000BASE-SX - 1GbE Multimode Fiber MMF Optic Transceiver - 1GE Gigabit Ethernet SFP - LC 550m - 850nm - DDM Cisco Meraki MS225, MX400, MS250

Product ID: MASFP1GBSXST



The MASFP1GBSXST is a Cisco Meraki MA-SFP-1GB-SX compatible fiber transceiver module that has been designed, programmed and tested to work with Cisco Meraki™ brand switches and routers. It delivers dependable 1GbE (1000 Mbps) connectivity over fiber cable, for 1000BASE-SX compliant networks, with a maximum distance of up to 550m (1804 ft).

## Technical Specifications:

- **Wavelength:** 850nm
- **Maximum Data Transfer Rate:** 1.25 Gbps
- **Type:** Multi Mode Fiber
- **Connection Type:** LC Connector
- **Maximum Transfer Distance:** 550m (1804 ft)

- **MTBF:** 1,967,709 hours
- **Power Consumption:** Less than 1.2 Watts
- **Digital Diagnostics Monitoring (DDM):** Yes

This SFP fiber module is hot-swappable, making upgrades and replacements seamless by minimizing network disruptions.

## StarTech.com SFPs

All StarTech.com SFP & SFP+ transceiver modules are backed by a lifetime warranty and free lifetime multilingual technical support. StarTech.com offers a wide variety of SFP modules and direct-attach SFP cables, providing the convenience and reliability you need to ensure dependable network performance.

### Certifications, Reports and Compatibility



### Applications

- Replacing defective or damaged SFP modules in Cisco Meraki switches and routers
- Expand your network to remote segments

### Features

- 100% CISCO MERAKI MA-SFP-1GB-SX COMPATIBLE: Works with Cisco Meraki switches like MS225, MX400, MS250, MS350, MX84 and others
- TECHNICAL SPECS: 1000BASE-SX | 1 Gbps | Multi Mode (MMF) | LC Connector | 850nm | Digital Diagnostic Monitoring (DDM) | Distances up to 550m (1804ft)
- TESTED FOR OEM HOST COMPATIBILITY: Hot-swappable in Cisco routers and switches; DDM support reports the transceiver's status to most SNMP network management tools
- OUTSTANDING SUPPORT: Backed by StarTech.com for the life of the module itself, not your equipment; our modules won't void your OEM support and with access to our Tech Advisors 5/24
- WORKS WITH MSA COMPLIANT SWITCHES: Also works with switch models from Ubiquiti, D-Link, Netgear, Supermicro, TP-Link and more that accept uncoded modules

<b>Hardware</b>	Warranty	Lifetime
	Compatible Brand	Cisco Meraki
	Industry Standards	IEEE 802.3z 1000BASE-SX
<b>Performance</b>	Compatible Networks	1000 Mbps (1 Gbps)
	DDM	Yes
	Fiber Operating Mode	Full-Duplex
	Max Transfer Distance	550 m (1804 ft)
	Maximum Data Transfer Rate	1.25 Gbps
	MTBF	3,381,761 hours
	Type	Multi Mode
	Wavelength	850nm
<b>Connector(s)</b>	Local Unit Connectors	1 - Fiber Optic LC Duplex Female
<b>Special Notes / Requirements</b>	<b>Note</b>	For use in Gigabit fiber networking equipment and media converters
	System and Cable Requirements	MSA or Cisco Meraki compliant SFP port
<b>Power</b>	Power Consumption (In Watts)	< 1 W
<b>Environmental</b>	Humidity	5~95% RH
	Operating Temperature	0°C to 70°C (32°F to 158°F)
	Storage Temperature	-40°C to 85°C (-40°F to 185°F)
<b>Physical Characteristics</b>	Color	Silver
<b>Packaging Information</b>	Package Height	1.3 in [33 mm]
	Package Length	3.7 in [94 mm]
	Package Width	4.7 in [11.9 cm]
	Shipping (Package) Weight	1.5 oz [42 g]
<b>What's in the Box</b>	Included in Package	1 - SFP transceiver
	Material	Aluminum
	Product Height	0.5 in [1.3 cm]
	Product Length	2.2 in [56.6 mm]
	Product Width	0.5 in [13.7 mm]
	Weight of Product	0.5 oz [14 g]

Product appearance and specifications are subject to change without notice.