

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.

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

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#### Hardware

|                    |                         |
|--------------------|-------------------------|
| Warranty           | Lifetime                |
| Compatible Brand   | Cisco Meraki            |
| Industry Standards | IEEE 802.3z 1000BASE-SX |

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#### Performance

|                            |                 |
|----------------------------|-----------------|
| Maximum Data Transfer Rate | 1.25 Gbps       |
| Max Transfer Distance      | 550 m (1804 ft) |
| Type                       | Multi Mode      |
| Wavelength                 | 850nm           |
| Fiber Operating Mode       | Full-Duplex     |
| DDM                        | Yes             |

Compatible Networks 1000 Mbps (1 Gbps)

MTBF 3,381,761 hours

Power Consumption (In Watts) < 1 W

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#### Connector(s)

Local Unit Connectors Fiber Optic LC Duplex

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#### Special Notes / Requirements

Note For use in Gigabit fiber networking equipment and media converters

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#### Environmental

Operating Temperature 0C to 70C (32F to 158F)

Storage Temperature -40C to 85C (-40F to 185F)

Humidity 5~95% RH

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#### Physical Characteristics

Product Length 2.2 in [56.6 mm]

Product Width 0.5 in [13.7 mm]

Product Height 0.5 in [12.5 mm]

Weight of Product 0.5 oz [14.0 g]

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#### Packaging Information

Package Length 3.7 in [94.0 mm]

Package Width 4.7 in [11.9 cm]

Package Height 1.3 in [33.0 mm]

Shipping (Package) Weight 1.5 oz [42.0 g]

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#### What's in the Box

Included in Package SFP transceiver

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***\*Product appearance and specifications are subject to change without notice.***

