

Cisco Meraki MA-SFP-10GB-SR Compatible SFP+ Module - 10GBASE-SR - 10GbE Multimode Fiber MMF Optic Transceiver - 10GE Gigabit Ethernet SFP+ - LC 300m - 850nm - DDM Cisco Meraki MS225, MX400, MS250

**Product ID:** MASFP10GBSR



The MASFP10GBSR is a Cisco Meraki MA-SFP-10GB-SR compatible fiber transceiver module that has been designed, programmed and tested to work with Cisco Meraki brand switches and routers. It delivers dependable 10GbE connectivity over fiber cable, for 10GBASE-SR compliant networks, with a maximum distance of up to 300 m (984 ft).

Technical Specifications:

- Wavelength: 850nm
- Maximum Data Transfer Rate: 10 Gbps
- Type: Multi Mode Fiber
- Connection Type: LC Connector
- Maximum Transfer Distance: 300 m (984 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-10GB-SR COMPATIBLE:** Works with Cisco Meraki switches like MS225, MX400, MS250, MS350, MS425 and others
- **TECHNICAL SPECS:** 10GBASE-SR 10 Gbps Multi Mode (MMF) LC Connector 850nm Digital Diagnostic Monitoring (DDM) Distances up to 300m (984ft)
- **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
- **WORKS WITH MSA COMPLIANT SWITCHES:** Also works with switch models from Ubiquiti, D-Link, Netgear, Supermicro, TP-Link and more that accept uncoded modules
- **THE IT PRO'S CHOICE:** Designed and built for IT Professionals, this SFP module is backed for life (lifetime of module, not network switch), including free lifetime 24/5 multi-lingual technical assistance.

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### Hardware

|                    |                         |
|--------------------|-------------------------|
| Warranty           | Lifetime                |
| Compatible Brand   | Cisco Meraki            |
| WDM                | No                      |
| Industry Standards | IEEE 802.3ae 10GBASE-SR |

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### Performance

|                            |                |
|----------------------------|----------------|
| Maximum Data Transfer Rate | 10 Gbps        |
| Max Transfer Distance      | 300 m (984 ft) |
| Type                       | Multi Mode     |

|                              |                 |
|------------------------------|-----------------|
| Wavelength                   | 850nm           |
| Fiber Operating Mode         | Full-Duplex     |
| DDM                          | Yes             |
| Compatible Networks          | 10 Gbps         |
| MTBF                         | 1,967,709 hours |
| Power Consumption (In Watts) | < 1.2 W         |

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#### Connector(s)

|                       |                           |
|-----------------------|---------------------------|
| Local Unit Connectors | 1 - Fiber Optic LC Duplex |
|-----------------------|---------------------------|

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#### Special Notes / Requirements

|      |   |
|------|---|
| Note | For use in 10 Gigabit fiber networking equipment and media converters |
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#### Environmental

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|-----------------------|----------------------------|
| 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

|                   |                  |
|-------------------|------------------|
| Color             | Silver           |
| Product Length    | 2.1 in [54.0 mm] |
| Product Width     | 0.5 in [1.4 cm]  |
| Product Height    | 0.5 in [1.3 cm]  |
| Weight of Product | 0.6 oz [18.0 g]  |

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#### Packaging Information

|                |                  |
|----------------|------------------|
| Package Length | 4.3 in [11.0 cm] |
| Package Width  | 3.7 in [9.4 cm]  |
| Package Height | 1.3 in [3.2 cm]  |

|                              |                 |
|------------------------------|-----------------|
| Shipping (Package)<br>Weight | 1.8 oz [52.0 g] |
|------------------------------|-----------------|

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**What's in the Box**

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|---------------------|----------------------|
| Included in Package | 1 - SFP+ transceiver |
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***\*Product appearance and specifications are subject to change without notice.***

