

Gigabit RJ45 Copper SFP Transceiver Module - Cisco Meraki MA-SFP-1GB-TX Compatible - 100m

Product ID: MASFP1GBTXST



This Cisco Meraki® compatible copper SFP is engineered by StarTech.com to deliver what you need most in your network connections: reliable performance. Built to exacting specifications and fully tested to ensure maximum performance, this high-quality Gb RJ45 copper SFP can be installed into Cisco Meraki networking devices that support the Cisco Meraki MA-SFP-1GB-TX transceiver module, as well as other major brands of networking equipment.

The SFP transceiver provides 10Base-T / 100Base-TX / 1000Base-T throughput over a distance of up to 100 m (328 ft.) using a copper RJ-45 connection. It provides a dependable and cost-effective way to add, replace or upgrade a copper Ethernet port on your networking equipment, and it's backed by a lifetime warranty.





Built for reliable network performance

This Gigabit RJ45 copper SFP is manufactured by StarTech.com to meet or exceed OEM specifications and comply with the industry's MSA (Multi-Source Agreement) standards. Committed to the highest standards of quality, StarTech.com provides an extensive range of networking products including copper and fiber network cards, fiber media converters, Ethernet switches and wireless products.

Fully compatible with Cisco Meraki and other major brands

This Gigabit Copper SFP is engineered to the highest quality standards and is 100% Cisco Meraki compatible, equivalent to the Cisco Meraki MA-SFP-1GB-TX transceiver. The StarTech.com transceiver is configured and fully tested to ensure it works seamlessly with Cisco Meraki or other major brands of networking equipment.

You can be assured that the use of StarTech.com SFP products should not affect the warranty protection of your networking equipment.

Convenient and scalable

Delivering both convenience and scalability, this SFP is fully hot-pluggable, which enables you to install it without interrupting network traffic or having to reboot your equipment. It provides a versatile and convenient solution that's compatible with a multitude of multi and single-port Gigabit Ethernet networking devices.

Ideal for use in HP switches, routers and other networking equipment, the SFP provides reliable performance, enabling you to expand your network to remote segments cost-effectively. The SFP supports auto-negotiation, maximum distance of up to 100 m (328 ft.), and maximum data rates of up to 1000Mbps.

You can count on MASFP1GBTXST for reliable performance, backed by a lifetime warranty and free lifetime technical support.





Certifications, Reports and Compatibility













Applications

- Works with Mini-GBIC fiber (MM or SM) and copper (RJ45) slots (NICs, fiber media converters)
- Use in server rooms and data centers to bridge very long distances without fear of EM interference, and to provide a high-bandwidth and low-latency interconnect between backbone network devices (such as switches and routers)
- Provides port flexibility to match your changing needs over time, from copper to fiber

Features

- Delivers reliable RJ45 Ethernet connections for 1000Base-T networks
- 100% Cisco Meraki compatible, equivalent to the Cisco Meraki MA-SFP-1GB-TX
- Backed by lifetime warranty and free lifetime technical support
- Meets or exceeds OEM specifications and MSA (Multi-Source Agreement) industry standards
- RJ45 copper interface
- Maximum distance of up to 100 m (328 ft.)
- Maximum data rates up to 1000Mbps
- Supports auto-negotiation
- Hot-pluggable



Data Sheet

Industry Standards IEEE 802.3i 10BASE-T IEEE 802.3ab 1000BASE-T IEEE 802.3ab 1000BASE-T		Warranty	Lifetime
Performance	Hardware	Compatible Brand	Cisco Meraki
Performance Auto MDIX Yes Compatible Networks DDM No Fiber Operating Mode Max Transfer Distance Maximum Data Transfer Rate MTBF Local Unit Connectors Pequirements For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit netwo		Industry Standards	IEEE 802.3i 10BASE-T
Performance Auto MDIX Yes			IEEE 802.3ab 1000BASE-T
Compatible Networks DDM No Fiber Operating Mode Fiber Operating Mode Max Transfer Distance Maximum Data Transfer Rate Mobility Special Notes / Requirements For use in 1 Gigabit networking equipment and media converters Storage Temperature Operating Temperature Storage Temperature Product Height Product Height Product Weight Product Width Operating (Package) Weight For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment			IEEE 802.3u 100BASE-TX
DDM Fiber Operating Mode Full-Duplex Max Transfer Distance 100 m (328 ft) Maximum Data Transfer Rate 1000 Mbps MTBF 4,655,371 hours Connector(s) Local Unit Connectors 1 - RJ-45 Female Special Notes / Requirements For use in 1 Gigabit networking equipment and media converters Environmental 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) Physical Characteristics Enclosure Type Aluminum Product Height 0.5 in [13.8 mm] Product Length 2.7 in [68 mm] Product Weight 0.8 oz [22 g] Product Width 0.7 in [18 mm] Packaging Information Shipping (Package) Weight 3.4 oz [95 g]	Performance	Auto MDIX	Yes
Fiber Operating Mode Max Transfer Distance Maximum Data Transfer Rate Maximum Data Transfer Rate Mose, MTBF Connector(s) Local Unit Connectors 1 - RJ-45 Female Special Notes / Requirements For use in 1 Gigabit networking equipment and media converters Environmental Humidity Operating Temperature O°C to 70°C (32°F to 158°F) Storage Temperature -40°C to 85°C (-40°F to 185°F) Forduct Height Product Length Product Length Product Weight New or in 1 Gigabit networking equipment and media converters Aluminum 1. August 1.		Compatible Networks	10/100/1000 Mbps
Max Transfer Distance 100 m (328 ft) Maximum Data Transfer Rate 1000 Mbps MTBF 4,655,371 hours Connector(s) Local Unit Connectors 1 - RJ-45 Female Special Notes / Requirements For use in 1 Gigabit networking equipment and media converters Environmental 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) Physical Characteristics Enclosure Type Aluminum Product Height 0.5 in [13.8 mm] Product Length 2.7 in [68 mm] Product Weight 0.8 oz [22 g] Product Width 0.7 in [18 mm] Packaging Information Max Transfer Distance 1000 Mbps Max Transfer Rate 1000 Mbps MTBF 4,655,371 hours MSA or Cisco Meraki compliant SFP port For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media		DDM	No
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Connector(s) Local Unit Connectors 1 - RJ-45 Female Special Notes / Requirements For use in 1 Gigabit networking equipment and media converters Environmental Humidity Operating Temperature Storage Temperature O°C to 70°C (32°F to 158°F) Storage Temperature -40°C to 85°C (-40°F to 185°F) For use in 1 Gigabit networking equipment and media converters Environmental Humidity S~95% RH Operating Temperature -40°C to 85°C (-40°F to 185°F) For use in 1 Gigabit networking equipment and media converters Environmental Humidity S~95% RH Operating Temperature O°C to 70°C (32°F to 158°F) Silver Aluminum Product Height O.5 in [13.8 mm] Product Length Product Length O.8 oz [22 g] Product Weight O.7 in [18 mm] Packaging Information Shipping (Package) Weight A,655,371 hours 1 - RJ-45 Female Soz [40 gabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit networking equipmen		Max Transfer Distance	100 m (328 ft)
Connector(s) Local Unit Connectors 1 - RJ-45 Female Special Notes / Requirements System and Cable Requirements MSA or Cisco Meraki compliant SFP port Environmental 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) Physical Characteristics Enclosure Type Aluminum Product Height 0.5 in [13.8 mm] Product Length 2.7 in [68 mm] Product Weight 0.8 oz [22 g] Product Width 0.7 in [18 mm] Packaging Information Shipping (Package) Weight 3.4 oz [95 g]		Maximum Data Transfer Rate	1000 Mbps
Special Notes / Requirements System and Cable Requirements For use in 1 Gigabit networking equipment and media converters Environmental Humidity Operating Temperature Storage Temperature O°C to 70°C (32°F to 158°F) Storage Temperature -40°C to 85°C (-40°F to 185°F) Physical Characteristics Enclosure Type Aluminum Product Height O.5 in [13.8 mm] Product Length Product Weight O.8 oz [22 g] Product Width Shipping (Package) Weight 1.4 oz [95 g]		MTBF	4,655,371 hours
Requirements For use in 1 Gigabit networking equipment and media converters Environmental Humidity Operating Temperature Storage Temperature Color Color Enclosure Type Enclosure Type Product Height Product Length Product Weight Product Width O.7 in [18 mm] Packaging Information For use in 1 Gigabit networking equipment and media converters For use in 1 Gigabit ne	Connector(s)	Local Unit Connectors	1 - RJ-45 Female
convertersEnvironmentalHumidity5~95% RHOperating Temperature0°C to 70°C (32°F to 158°F)Storage Temperature-40°C to 85°C (-40°F to 185°F)Physical CharacteristicsColorSilverEnclosure TypeAluminumProduct Height0.5 in [13.8 mm]Product Length2.7 in [68 mm]Product Weight0.8 oz [22 g]Product Width0.7 in [18 mm]Packaging InformationShipping (Package) Weight3.4 oz [95 g]	Special Notes / Requirements	System and Cable Requirements	MSA or Cisco Meraki compliant SFP port
Operating Temperature 0°C to 70°C (32°F to 158°F) Storage Temperature -40°C to 85°C (-40°F to 185°F) Physical Characteristics Enclosure Type Aluminum Product Height 0.5 in [13.8 mm] Product Length 2.7 in [68 mm] Product Weight 0.8 oz [22 g] Product Width 0.7 in [18 mm] Packaging Information Shipping (Package) Weight 3.4 oz [95 g]			
Physical Color Silver Enclosure Type Aluminum Product Height 0.5 in [13.8 mm] Product Length 2.7 in [68 mm] Product Weight 0.8 oz [22 g] Product Width 0.7 in [18 mm] Packaging Information Shipping (Package) Weight 3.4 oz [95 g]	Environmental	Humidity	5~95% RH
Physical CharacteristicsColorSilverEnclosure TypeAluminumProduct Height0.5 in [13.8 mm]Product Length2.7 in [68 mm]Product Weight0.8 oz [22 g]Product Width0.7 in [18 mm]Packaging InformationShipping (Package) Weight3.4 oz [95 g]		Operating Temperature	0°C to 70°C (32°F to 158°F)
Enclosure Type Aluminum Product Height 0.5 in [13.8 mm] Product Length 2.7 in [68 mm] Product Weight 0.8 oz [22 g] Product Width 0.7 in [18 mm] Packaging Information Shipping (Package) Weight 3.4 oz [95 g]		Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Product Height 0.5 in [13.8 mm] Product Length 2.7 in [68 mm] Product Weight 0.8 oz [22 g] Product Width 0.7 in [18 mm] Packaging Information Shipping (Package) Weight 3.4 oz [95 g]	Physical Characteristics	Color	Silver
Product Length 2.7 in [68 mm] Product Weight 0.8 oz [22 g] Product Width 0.7 in [18 mm] Packaging Information Shipping (Package) Weight 3.4 oz [95 g]		Enclosure Type	Aluminum
Product Weight 0.8 oz [22 g] Product Width 0.7 in [18 mm] Packaging Information Shipping (Package) Weight 3.4 oz [95 g]		Product Height	0.5 in [13.8 mm]
Product Width 0.7 in [18 mm] Packaging Shipping (Package) Weight 3.4 oz [95 g] Information		Product Length	2.7 in [68 mm]
Packaging Shipping (Package) Weight 3.4 oz [95 g] Information		Product Weight	0.8 oz [22 g]
Information		Product Width	0.7 in [18 mm]
What's in the Box Included in Package 1 - SFP transceiver	Packaging Information	Shipping (Package) Weight	3.4 oz [95 g]
	What's in the Box	Included in Package	1 - SFP transceiver

Product appearance and specifications are subject to change without notice.