

MSA Uncoded SFP Module - 1000BASE-LH - 1GbE Single Mode Fiber (SMF) Optic Transceiver - 1GE Gigabit Ethernet SFP - LC 40km - 1310nm - DDM

**Product ID:** SFP1000LHST



The SFP1000LHST is an MSA compliant fiber SFP transceiver that's designed, programmed and tested to work with 1000BASE-LH compatible MSA switches and routers. The SFP transceiver module supports a maximum distance of up to 40 km (24.8 mi) and delivers dependable 1 GbE connectivity over fiber cabling. **Technical Specifications:**

- Wavelength: 1310nm
- Maximum Data Transfer Rate: 1.25 Gbps
- Type: Single Mode Fiber
- Connection Type: LC Connector
- Maximum Transfer Distance: 40 km (24.8 mi)
- Power Consumption: Less than 1 Watt
- 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

- Replace defective or damaged SFP modules
- Expand your network to remote segments

## Features

- 100% MSA UNCODED SFP TRANSCEIVER: Designed, programmed and tested to work with compatible MSA Compliant switches and routers to deliver reliable 1GbE connectivity
- TECHNICAL SPECS: 1000BASE-LH 1Gbps Single Mode (SMF) LC Connector 1310nm Digital Diagnostic Monitoring (DDM) Distances up to 40km (24.8mi)
- TESTED FOR COMPATIBILITY: Hot-swappable in MSA Compliant routers and switches; DDM support reports the transceiver's status to most SNMP network management tools.
- WORKS WITH MSA COMPLIANT SWITCHES: 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	MSA Compliant
WDM	No
Industry Standards	IEEE 802.3z 1000BASE-LH

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### Performance

Maximum Data Transfer Rate	1.25 Gbps
Max Transfer Distance	40 km (24.8 mi)
Type	Single Mode
Wavelength	1310nm
Fiber Operating Mode	Full-Duplex

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DDM	Yes
Compatible Networks	1000 Mbps (1 Gbps)
Power Consumption (In Watts)	< 1 W

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**Connector(s)**

Local Unit Connectors	1 - Fiber Optic LC Duplex
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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**

Color	Silver
Product Length	2.6 in [67.0 mm]
Product Width	0.6 in [1.4 cm]
Product Height	0.5 in [1.2 cm]
Weight of Product	0.6 oz [18.0 g]

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**Packaging Information**

Package Length	4.5 in [11.5 cm]
Package Width	3.6 in [9.1 cm]
Package Height	1.3 in [3.2 cm]
Shipping (Package) Weight	1.7 oz [48.0 g]

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**What's in the Box**

Included in Package	1 - SFP transceiver
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**Warranty Information**

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

