

# MSA Compliant Gigabit Fiber SFP Transceiver Module - 1000Base-LH - SM LC - 40 km

Product ID: SFP1000LHST



This 1000Base-LH SFP module delivers what you need most in your network connections: reliable performance. It's built to exacting MSA specifications and fully tested to ensure seamless compatibility. The single-mode SFP transceiver module offers a cost-effective way to add, replace or upgrade the ports on your networking equipment, and it's backed by a lifetime warranty.

## Delivers Gigabit Ethernet connections

With data transfer rates of up to 1Gbps and support for Digital Diagnostics Monitoring (DDM / DOM), this LC SFP module can be installed into fiber networking equipment with an MSA compliant port. It delivers dependable Gigabit connectivity over single-mode fiber for 1000Base-LH compliant networks, with a maximum distance of up to 40 km (24.8 mi.) and 1310 nm optical wavelength.

## **Built for reliable network performance**

This optical transceiver is engineered to meet or exceed the industry's MSA (Multi-Source Agreement) standards. StarTech.com brings its established reputation for high-quality connectivity solutions to SFP transceivers, providing SFPs that match major OEM brands in performance and reliability. Committed to the highest standards, StarTech.com provides an extensive range of networking products including copper and fiber network cards, fiber media converters, Ethernet switches and wireless products.

## **Convenient and scalable**

Delivering both convenience and scalability, this fiber transceiver is fully hot-pluggable, which enables you to install it without interrupting network traffic or having to reboot your equipment. It provides a versatile solution that's compatible with a wide range of networking equipment, allowing you to expand your network to remote segments cost-effectively.

You can count on SFP1000LHST for reliable performance, backed by a lifetime warranty and free lifetime technical support.

### Certifications, Reports and Compatibility



### Applications

- Replace defective or damaged SFP modules in MSA compliant equipment
- Ideal for deployment in network devices with multiple SFP slots
- Expand your network to remote segments

### Features

- Delivers reliable Gigabit Ethernet connections for 1000Base-LH compliant networks
- Meets or exceeds MSA (Multi-Source Agreement) industry standards
- Backed by lifetime warranty and free lifetime technical support
- Supports single-mode fiber (LC connector)
- Maximum distance up to 40 km/24.8 mi.
- Maximum data rates up to 1Gbps
- 1310 nm optical wavelength
- Digital Diagnostics Monitoring (DDM/DOM)
- Hot-pluggable

<b>Hardware</b>	Warranty	Lifetime
	Industry Standards	IEEE 802.3z 1000BASE-LH
	WDM	No
<b>Performance</b>	Compatible Networks	1000 Mbps (1 Gbps)
	DDM	Yes
	Fiber Operating Mode	Full-Duplex
	Fiber Type	Single Mode
	Max Transfer Distance	40 km (24.8 mi)
	Maximum Data Transfer Rate	1.25 Gbps
	Wavelength	1310nm
<b>Connector(s)</b>	Local Unit Connectors	1 - Fiber Optic LC Duplex Female
<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
	Enclosure Type	Aluminum
	Product Height	0.5 in [12.6 mm]
	Product Length	2.3 in [58.4 mm]
	Product Weight	1.1 oz [30 g]
	Product Width	0.5 in [13.9 mm]
<b>Packaging Information</b>	Shipping (Package) Weight	1.8 oz [50 g]
<b>What's in the Box</b>	Included in Package	1 - SFP transceiver

Product appearance and specifications are subject to change without notice.