

MSA Uncoded SFP Module - 100BASE-LH - 100MbE Single Mode Fiber (SMF) Optic Transceiver - 100Mb Ethernet SFP - LC 80km - 1550nm - DDM

**Product ID:** SFP100BLHST



The SFP100BLHST is an MSA compliant fiber SFP transceiver that's designed, programmed and tested to work with 100BASE-LH compatible MSA switches and routers. The SFP transceiver module supports a maximum distance of up to 80 km (49.7 mi) and delivers dependable 100 Mb Ethernet connectivity over fiber cabling. **Technical Specifications:**

- Wavelength: 1550nm
- Maximum Data Transfer Rate: 155 Mbps
- Type: Single Mode Fiber
- Connection Type: LC Connector
- Maximum Transfer Distance: 80 km (49.7 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

- **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
- **100% MSA UNCODED SFP TRANSCEIVER:** Designed, programmed and tested to work with compatible MSA Compliant switches and routers to deliver dependable 100MbE connectivity
- **TECHNICAL SPECS:** 100BASE-LH 100Mbps Single Mode (SMF) LC Connector 1550nm Digital Diagnostic Monitoring (DDM) Distances up to 80km (49.7mi)
- **LIFETIME WARRANTY:** Backed by a lifetime warranty on the life of the module itself and not the life of your switch; our modules won't void your OEM warranty and supported by our Tech Advisors 5/24

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### Hardware

Warranty	Lifetime
Compatible Brand	MSA Compliant
WDM	No
Industry Standards	IEEE 802.3u 100BASE-LH

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### Performance

Maximum Data Transfer Rate	155 Mbps
Max Transfer Distance	80 km (49.7 mi)
Type	Single Mode
Wavelength	1550nm
Fiber Operating Mode	Half/Full-Duplex
DDM	Yes
Compatible Networks	100 Mbps



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 100 Mbps 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 2.3 in [58.4 mm]

Product Width 0.5 in [13.9 mm]

Product Height 0.5 in [12.6 mm]

Weight of Product 0.7 oz [20.0 g]

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**Packaging Information**

Package Length 4.7 in [12.0 cm]

Package Width 3.5 in [90.0 mm]

Package Height 1.2 in [30.0 mm]

Shipping (Package) Weight 1.7 oz [48.0 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.***

