

MSA Uncoded SFP Module - 1000BASE-LX - 1GbE Single Mode Fiber (SMF) Optic Transceiver - 1GE Gigabit Ethernet SFP - LC 10km - 1310nm - DDM

**Product ID:** SFP1000LXST



The SFP1000LXST is an MSA compliant fiber SFP transceiver that's designed, programmed and tested to work with 1000BASE-LX compatible MSA switches and routers. The SFP transceiver module supports a maximum distance of up to 10 km (6.2 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: 10 km (6.2 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 dependable 1GbE connectivity
- **TECHNICAL SPECS:** 1000BASE-LX 1Gbps Single Mode (SMF) LC Connector 1310nm Digital Diagnostic Monitoring (DDM) Distances up to 10km (6.2mi)
- **TESTED FOR COMPATIBILITY:** Hot-swappable in MSA Compliant routers and switches; DDM support reports the transceiver's status to most SNMP network management tools.
- **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
- **WORKS WITH MSA COMPLIANT SWITCHES:** Works with switch models from Ubiquiti, D-Link, Netgear, Supermicro, TP-Link and more that accept uncoded modules

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### Hardware

|                    |                         |
|--------------------|-------------------------|
| Warranty           | Lifetime                |
| Compatible Brand   | MSA Compliant           |
| WDM                | No                      |
| Industry Standards | IEEE 802.3z 1000BASE-LX |

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### Performance

|                            |                    |
|----------------------------|--------------------|
| Maximum Data Transfer Rate | 1.25 Gbps          |
| Max Transfer Distance      | 10 km (6.2 mi)     |
| Type                       | Single Mode        |
| Wavelength                 | 1310nm             |
| Fiber Operating Mode       | Full-Duplex        |
| DDM                        | Yes                |
| Compatible Networks        | 1000 Mbps (1 Gbps) |



Power Consumption (In Watts) < 1 W

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#### Connector(s)

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

|                   |                  |
|-------------------|------------------|
| Product Length    | 2.3 in [59.0 mm] |
| Product Width     | 0.6 in [15.0 mm] |
| Product Height    | 0.5 in [12.0 mm] |
| Weight of Product | 0.6 oz [18.0 g]  |

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#### Packaging Information

|                           |                  |
|---------------------------|------------------|
| Package Length            | 4.6 in [11.7 cm] |
| Package Width             | 3.6 in [92.0 mm] |
| Package Height            | 1.3 in [33.0 mm] |
| Shipping (Package) Weight | 1.7 oz [47.0 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.***

