

MSA Uncoded SFP Module - 100BASE-EX - 100MbE Single Mode Fiber (SMF) Optic Transceiver - 100Mb Ethernet SFP - LC 40km - 1310nm - DDM

Product ID: SFP100BEXST



The SFP100BEXST is an MSA compliant fiber SFP transceiver that's designed, programmed and tested to work with 100BASE-EX compatible MSA switches and routers. The SFP transceiver module supports a maximum distance of up to 40 km (24.8 mi) and delivers dependable 100 Mb Ethernet connectivity over fiber cabling. **Technical Specifications:**

- Wavelength: 1310nm
- Maximum Data Transfer Rate: 155 Mbps
- 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 dependable 100MbE connectivity
- **TECHNICAL SPECS:** 100BASE-EX 100Mbps 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.
- **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

Hardware

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

Performance

| | |
|----------------------------|------------------|
| Maximum Data Transfer Rate | 155 Mbps |
| Max Transfer Distance | 40 km (24.8 mi) |
| Type | Single Mode |
| Wavelength | 1310nm |
| Fiber Operating Mode | Half/Full-Duplex |
| DDM | Yes |
| Compatible Networks | 100 Mbps |



Power Consumption (In Watts) < 1 W

Connector(s)

Local Unit Connectors Fiber Optic LC Duplex

Special Notes / Requirements

Note For use in 100 Mbps fiber networking equipment and media converters

Environmental

Operating Temperature 0C to 70C (32F to 158F)

Storage Temperature -40C to 85C (-40F to 185F)

Humidity 5~95% RH

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]

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]

What's in the Box

Included in Package SFP transceiver

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

