

## MSA Uncoded SFP Transceiver Module - 1000BASE-BX - 1 GbE Gigabit Ethernet BiDi Fiber (SMF) (SFP1000BXUST)

**Product ID:** SFP1000BXUST



The SFP1000BXUST is an MSA compliant upstream fiber SFP transceiver which pairs with StarTech.com's SFP1000BXDST. They are designed, programmed and tested to work with 1000BASE-BX 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: 1310nmTx/1490nmRx
- 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

- **MSA UNCODED SFP TRANSCEIVER:** 1 Gigabit Ethernet BiDi Fiber Single Strand SFP designed, programmed and tested to work with compatible MSA Compliant switches and routers to deliver dependable 1GbE connectivity
- **INCREASE BANDWIDTH ON EXISTING INFRASTRUCTURE:** This 10 Gigabit Ethernet bi-directional WDM SFP+ transceiver module sends and receives over a single strand of fiber optic cable instead of two.
- **TECHNICAL SPECS:** 1000BASE-BX 1Gbps 1G Bi-Directional Upstream Single Mode (SMF) LC Connector 1310nmTx/1490nmRx Digital Diagnostic Monitoring (DDM) Distances up to 10km (6.2mi).
- **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                |
| WDM                | No                      |
| Industry Standards | IEEE 802.3z 1000BASE-BX |

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### Performance

|                            |                    |
|----------------------------|--------------------|
| Maximum Data Transfer Rate | 1.25 Gbps          |
| Max Transfer Distance      | 10 km (6.2 mi)     |
| Type                       | Single Mode        |
| Wavelength                 | 1310nmTx/1490nmRx  |
| 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

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 2.2 in [57.0 mm]

Product Width 0.6 in [14.0 mm]

Product Height 0.5 in [13.0 mm]

Weight of Product 0.7 oz [19.0 g]

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#### Packaging Information

Package Length 4.6 in [11.6 cm]

Package Width 3.6 in [92.0 mm]

Package Height 1.3 in [34.0 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.***

