

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

**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 reliable 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).
- **WORKS WITH MSA COMPLIANT SWITCHES:** Works with switch models from Ubiquiti, D-Link, Netgear, Supermicro, TP-Link and more that accept uncoded modules
- **THE IT PRO'S CHOICE:** Designed and built for IT Professionals, this SFP module is backed for life (lifetime of module, not network switch), including free lifetime 24/5 multi-lingual technical assistance

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### Hardware

|          |          |
|----------|----------|
| Warranty | Lifetime |
| WDM      | No       |

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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 1 - 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**

Color Silver

Product Length 2.2 in [57.0 mm]

Product Width 0.6 in [1.4 cm]

Product Height 0.5 in [1.3 cm]

Weight of Product 0.7 oz [19.0 g]

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**Packaging Information**

Package Length 4.5 in [11.4 cm]

Package Width 3.6 in [9.2 cm]

Package Height 1.3 in [3.3 cm]

Shipping (Package) Weight 1.7 oz [48.0 g]

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**What's in the Box**

Included in Package 1 - SFP transceiver

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**Warranty Information**

Warranty Lifetime

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