

## MSA Uncoded SFP Transceiver Module - 1000BASE-BX - 10 GbE Gigabit Ethernet BiDi Fiber (SMF) (SFP1000BXDST)

**Product ID:** SFP1000BXDST



The SFP1000BXDST is an MSA compliant downstream fiber SFP transceiver which pairs with StarTech.com's SFP1000BXUST. 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: 1490nmTx/1310nmRx
- 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 10G Bi-Directional Downstream Single Mode (SMF) LC Connector 1490nmTx/1310nmRx 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
Compatible Brand	MSA Compliant
WDM	Yes
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	1490nmTx/1310nmRx
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.*

