

MSA Uncoded SFP Transceiver Module - 100BASE-BX - 100 MbE Ethernet BiDi Fiber (SMF)

**Product ID:** SFP100BBXDST



The SFP100BBXDST is an MSA compliant downstream fiber SFP transceiver which pairs with StarTech.com's SFP100BBXUST. They are designed, programmed and tested to work with 100BASE-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. <b>Technical Specifications: </b>

- Wavelength: 1550nmTx/1310nmRx
- Maximum Data Transfer Rate: 155 Mbps
- 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: 100Mb Ethernet BiDi Fiber Single Strand SFP designed, programmed and tested to work with compatible MSA Compliant switches and routers to deliver reliable 100MbE connectivity
- INCREASE BANDWIDTH ON EXISTING INFRASTRUCTURE: This Ethernet bi-directional WDM SFP+ transceiver module sends and receives over a single strand of fiber optic cable instead of two
- TECHNICAL SPECS: 100BASE-BX 100Mbps 100Mb Bi-Directional Downstream Single Mode (SMF) LC Connector 1550nmTx/1310nmRx 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
Compatible Brand	MSA Compliant
WDM	Yes
Industry Standards	IEEE 802.3u 100BASE-BX

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### Performance

Maximum Data Transfer Rate	155 Mbps
Max Transfer Distance	10 km (6.2 mi)
Type	Single Mode
Wavelength	1550nmTx/1310nmRx
Fiber Operating Mode	Half/Full-Duplex

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DDM	Yes
Compatible Networks	100 Mbps
Power Consumption (In Watts)	< 1 W

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**Connector(s)**

Local Unit Connectors	1 - Fiber Optic LC Duplex
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**Special Notes / Requirements**

Note	For use in 100 Mbps fiber networking equipment and media converters
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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	2.4 in [60.0 mm]
Product Width	0.6 in [1.6 cm]
Product Height	0.4 in [1.1 cm]
Weight of Product	0.6 oz [18.0 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	1.4 oz [40.0 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.*

