

# MSA Uncoded SFP Transceiver Module - 1000BASE-BX - 10 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.

### **StarTech.com SFPs**

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 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

<b>Hardware</b>	Warranty	Lifetime
	Industry Standards	IEEE 802.3z 1000BASE-BX
	WDM	No
<b>Performance</b>	Compatible Networks	1000 Mbps (1 Gbps)
	DDM	Yes
	Fiber Operating Mode	Full-Duplex
	Max Transfer Distance	10 km (6.2 mi)
	Maximum Data Transfer Rate	1.25 Gbps
	Type	Single Mode
	Wavelength	1310nmTx/1490nmRx
<b>Connector(s)</b>	Local Unit Connectors	1 - Fiber Optic LC Duplex Female
<b>Power</b>	Power Consumption (In Watts)	< 1 W
<b>Environmental</b>	Humidity	5~95% RH
	Operating Temperature	0°C to 70°C (32°F to 158°F)
	Storage Temperature	-40°C to 85°C (-40°F to 185°F)
<b>Physical Characteristics</b>	Color	Silver
<b>Packaging Information</b>	Package Height	1.3 in [34 mm]
	Package Length	4.6 in [11.6 cm]
	Package Width	3.6 in [92 mm]
	Shipping (Package) Weight	1.7 oz [48 g]
<b>What's in the Box</b>	Included in Package	1 - SFP transceiver
	Material	Aluminum
	Product Height	0.5 in [1.3 cm]
	Product Length	2.2 in [57 mm]
	Product Width	0.6 in [14 mm]
	Weight of Product	0.7 oz [19 g]

Product appearance and specifications are subject to change without notice.