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

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 reliable 1GbE connectivity

• INCREASE BANDWIDTH ON EXISTING INFRASTRUCTURE: This 1 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 Downstream Single Mode (SMF) LC Connector 1490nmTx/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

Hardware

	Warranty	Lifetime
	Compatible Brand	MSA Compliant
	WDM	Yes
	Industry Standards	IEEE 802.3z 1000BASE-BX

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	

Connector(s)

Local Unit Connectors	1 - Fiber Optic LC Duplex

Environmental

Operating Temperature	0C to 70C (32F to 158F)
Storage Temperature	-40C to 85C (-40F to 185F)
Humidity	5~95% RH

Physical Characteristics

Product Length	2.2 in [57.0 mm]
Product Width	0.6 in [14.0 mm]
Product Height	0.5 in [1.3 cm]
Weight of Product	0.7 oz [19.0 g]

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]

What's in the Box

Included in Package	1 - SFP transceiver

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