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

Product ID: SFP100BBXUST

The SFP100BBXUST is an MSA compliant upstream fiber SFP transceiver which pairs with StarTech.com's SFP100BBXDST. 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 100 Mbps connectivity over fiber cabling.

Technical Specifications:

• Wavelength: 1310nmTx/1550nmRx

• 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 100 Mb 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 Upstream Single Mode (SMF) LC Connector 1310nmTx/1550nmRx Digital Diagnostic Monitoring (DDM) Distances up to 10km (6.2mi).

• 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

• WORKS WITH MSA COMPLIANT SWITCHES: Works with switch models from Ubiquiti, D-Link, Netgear, Supermicro, TP-Link and more that accept uncoded modules

Hardware		
	Warranty	Lifetime
	Compatible Brand	MSA Compliant
	WDM	Yes
	Industry Standards	IEEE 802.3u 100BASE-BX

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

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

Connector(s)

Local Unit Connectors	1 - Fiber Optic LC Duplex

Special Notes / Requirements

Note	For use in 100 Mbps fiber networking equipment and media converters

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	2.4 in [60.0 mm]
Product Width	0.6 in [16.0 mm]
Product Height	0.4 in [1.1 cm]
Weight of Product	0.6 oz [18.0 g]

Packaging Information

Package Length	4.6 in [11.7 cm]
Package Width	3.6 in [92.0 mm]
Package Height	1.2 in [30.0 mm]
Shipping (Package) Weight	1.7 oz [47.0 g]

What's in the Box

Included in Package	1 - SFP transceiver