

MSA Compliant Transceiver Module - 100BASE-BX

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.

Technical Specifications:

- **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.

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

- Delivers reliable 100Mbps connections for 100BASE-BX compliant networks
- StarTech.com SFP modules are backed by a lifetime warranty
- Complies with Multi-Source Agreement (MSA) industry standards
- Low power consumption of less than 2.5 W
- Hot-swappable with fiber-optic modules

Hardware	Warranty	Lifetime
	Compatible Brand	MSA Compliant
	Industry Standards	IEEE 802.3u 100BASE-BX
	WDM	Yes
Performance	Compatible Networks	100 Mbps
	DDM	Yes
	Fiber Operating Mode	Half/Full-Duplex
	Max Transfer Distance	10 km (6.2 mi)
	Maximum Data Transfer Rate	155 Mbps
	Type	Single Mode
	Wavelength	1550nmTx/1310nmRx
Connector(s)	Local Unit Connectors	1 - Fiber Optic LC Duplex Female
Special Notes / Requirements	Note	For use in 100 Mbps fiber networking equipment and media converters
	System and Cable Requirements	MSA compliant SFP port
Power	Power Consumption (In Watts)	< 1 W
Environmental	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)
Physical Characteristics	Color	Silver
	Enclosure Type	Aluminum
	Product Height	0.4 in [11 mm]
	Product Length	2.4 in [60 mm]
	Product Weight	0.6 oz [18 g]
	Product Width	0.6 in [16 mm]
Packaging Information	Shipping (Package) Weight	1.7 oz [47 g]
What's in the Box	Included in Package	1 - SFP transceiver

Product appearance and specifications are subject to change without notice.