

## MSA Uncoded SFP+ Transceiver Module - 10GBASE-BX - 10 GbE Gigabit Ethernet BiDi Fiber (SMF)

**Product ID:** SFP-10GB-BX-D-20-ST



The SFP-10GB-BX-D-20-ST is a MSA Compliant downstream fiber SFP+ transceiver which pairs with StarTech.com's SFP-10GB-BX-U-20-ST. They are designed, programmed and tested to work with 10GBASE-BX compatible MSA Compliant switches and routers. The SFP+ transceiver module supports a maximum distance of up to 20 km (12.4 mi) and delivers dependable 10 GbE connectivity over fiber cabling.

### Technical Specifications:

- Wavelength: 1330nmTx/1270nmRx
- Maximum Data Transfer Rate: 10Gbps
- Type: Single Mode Fiber
- Connection Type: LC Connector
- Maximum Transfer Distance: 20 km (12.4 mi)
- Power Consumption: Low power consumption
- 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

## Features

- **MSA UNCODED SFP+ TRANSCEIVER:** 10 Gigabit Ethernet BiDi Fiber Single Strand SFP+ designed, programmed and tested to work with compatible MSA Compliant switches and routers to deliver reliable 10GbE 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:** 10GBASE-BX 10Gbps 10G Bi-Directional Downstream Single Mode (SMF) LC Connector 1330nmTx/1270nmRx Digital Diagnostic Monitoring (DDM) Distances up to 20km (12.4mi).
- **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
- Hot-swappable with fiber-optic modules

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### Hardware

Warranty	Lifetime
Compatible Brand	MSA Compliant
Industry Standards	IEEE 802.3ae 10GBASE-BX

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### Performance

Maximum Data Transfer Rate	10.00 Gbps
Max Transfer Distance	20 km (12.4 mi)
Type	Single Mode
Wavelength	1330nmTx/1270nmRx
Fiber Operating Mode	Full-Duplex
DDM	Yes

Compatible Networks	10 Gbps
MTBF	646,156,559 hours

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**Physical Characteristics**

Product Length	0.5 in [1.4 cm]
Product Width	2.3 in [5.8 cm]
Product Height	0.5 in [1.3 cm]
Weight of Product	0.8 oz [24 g]

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**Packaging Information**

Package Length	4.5 in [11.5 cm]
Package Width	3.5 in [9 cm]
Package Height	1.2 in [3.1 cm]
Shipping (Package) Weight	1.8 oz [50 g]

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**What's in the Box**

Included in Package	1 - SFP+ Transceiver
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*\*Product appearance and specifications are subject to change without notice.*