

## MSA Uncoded SFP+ Transceiver Module - 10GBASE-BX - 10 GbE Gigabit Ethernet BiDi Fiber (SMF) (SFP-10GB-BX-U-20-ST)

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



The SFP-10GB-BX-U-20-ST is a MSA Compliant upstream fiber SFP transceiver which pairs with StarTech.com's SFP-10GB-BX-D-20-ST. They are designed, programmed and tested to work with 10GBase-BX compatible MSA 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: 1270nmTx/1330nmRx
- 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 dependable 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 Upstream Single Mode (SMF) LC Connector 1270nmTx/1330nmRx Digital Diagnostic Monitoring (DDM) Distances up to 20km (12.4mi).
- **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
- Hot-swappable with fiber-optic modules

---

### Hardware

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

---

### Performance

|                            |                   |
|----------------------------|-------------------|
| Maximum Data Transfer Rate | 10.00 Gbps        |
| Max Transfer Distance      | 20 km (12.4 mi)   |
| Type                       | Single Mode       |
| Wavelength                 | 1270nmTx/1330nmRx |
| Fiber Operating Mode       | Full-Duplex       |
| DDM                        | Yes               |
| Compatible Networks        | 10 Gbps           |
| MTBF                       | 646,156,559 hours |

---

**Connector(s)**

|             |                       |
|-------------|-----------------------|
| Connector A | SFP Slot              |
| Connector B | Fiber Optic LC Duplex |

---

**Physical Characteristics**

|                   |                  |
|-------------------|------------------|
| Product Length    | 0.5 in [13.9 mm] |
| Product Width     | 2.3 in [58.4 mm] |
| Product Height    | 0.5 in [12.6 mm] |
| Weight of Product | 0.8 oz [24 g]    |

---

**Packaging Information**

|                           |                  |
|---------------------------|------------------|
| Package Length            | 4.5 in [11.5 cm] |
| Package Width             | 3.5 in [90 mm]   |
| Package Height            | 1.2 in [31 mm]   |
| Shipping (Package) Weight | 1.8 oz [50 g]    |

---

**What's in the Box**

|                     |                  |
|---------------------|------------------|
| Included in Package | SFP+ Transceiver |
|---------------------|------------------|

---

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

