

Cisco SFP-10G-BX-D-20 Compatible SFP+ Module - 10GBASE-BX - 10 GbE Gigabit Ethernet BiDi Fiber (SMF) (SFP-10G-BX-D-20-ST)

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



The SFP-10G-BX-D-20-ST is a Cisco SFP-10G-BX-D-20 compatible downstream fiber SFP+ transceiver which pairs with StarTech.com's SFP-10G-BX-U-20-ST. They are designed, programmed and tested to work with 10GBase-BX compatible Cisco 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

- **100% CISCO SFP-10G-BX-D-20 COMPATIBLE:** 10 Gigabit Ethernet BiDi Fiber Single Strand SFP+ works with Cisco switches like ASR9000, ASR1000, NCS5500, C3850, NCS540 and others
- **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)
- **LIFETIME WARRANTY:** Backed by a lifetime warranty on the life of the module itself, not the life of your switch. Our modules won't void your OEM warranty and supported by our Tech Advisors 5/24
- **PROGRAMMED & TESTED FOR COMPATIBILITY:** Compatible with OEM routers and switches. MSA Compliant with DDM that reports the transceiver's status to most SNMP network management tools
- Hot-swappable with fiber-optic modules

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### Hardware

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

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### Performance

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|----------------------------|-------------------|
| Maximum Data Transfer Rate | 10.31 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 |

Power Consumption (In Watts) < 1W

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**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]    |

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**Packaging Information**

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|---------------------------|------------------|
| 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]    |

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**What's in the Box**

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

