

## Dell EMC SFP-1G-BX80-D Compatible SFP Module - 1000BASE-BX-D - 10 GbE Gigabit Ethernet BiDi Fiber (SMF) (SFP1GBX80DES)

**Product ID:** SFP1GBX80DES



The SFP1GBX80DES is a Dell EMC SFP-1G-BX80-D compatible downstream fiber SFP transceiver which pairs with StarTech.com's SFP1GBX80UES. They are designed, programmed and tested to work with 1000Base-BX80 compatible Dell EMC switches and routers. The SFP transceiver module supports a maximum distance of up to 80 km (49.7 mi) and delivers dependable 1 GbE connectivity over fiber cabling.

### Technical Specifications:

- Wavelength: 1550nmTX/1490nmRX
- Maximum Data Transfer Rate: 1000 Mbps (1 Gbps)
- Type: Single Mode Fiber
- Connection Type: LC Connector
- Maximum Transfer Distance: 80 km (49.7 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% DELL EMC SFP-1G-BX80-D COMPATIBLE:** 1 Gigabit Ethernet BiDi Fiber Single Strand SFP designed, programmed and tested to work with compatible Dell EMC switches and routers to deliver dependable 1GbE 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:** 1000BASE-BX-D 1Gbps 10G Bi-Directional Downstream Single Mode (SMF) LC Connector 1550nmTX/1490nmRX Digital Diagnostic Monitoring (DDM) Distances up to 80km (49.7mi)
- **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 Dell EMC routers and switches. MSA Compliant with DDM that reports the transceiver's status to most SNMP network management tools

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### Hardware

Warranty	Lifetime
Compatible Brand	Dell EMC
Industry Standards	IEEE 802.3 1000BASE-BX80

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### Performance

Maximum Data Transfer Rate	1.00 Gbps
Max Transfer Distance	80 km (49.7 mi)
Type	Single Mode
Wavelength	1550nmTX/1490nmRX
Fiber Operating Mode	Full-Duplex
DDM	Yes
Compatible Networks	1000 Mbps (1 Gbps)
MTBF	3,713,222 hours



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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	1.1 oz [30 g]

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**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]

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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.***

