

## Extreme Networks 10056 Compatible SFP Module - 100BASE-BX-D - 1 GbE Gigabit Ethernet BiDi Fiber (SMF)

**Product ID:** 10056-ST



The 10056-ST is an Extreme Networks 10056 compatible downstream fiber SFP transceiver which pairs with StarTech.com's 10057-ST. They are designed, programmed and tested to work with 100BASE-BX-D compatible Extreme Networks 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: 1490nmTx/1310nmRx
- Maximum Data Transfer Rate: 1Gbps
- Type: Single Mode Fiber
- Connection Type: LC Connector
- Maximum Transfer Distance: 10 km (6.2 mi)
- Power Consumption: < 1.3W
- 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% EXTREME NETWORKS 10056 COMPATIBLE:** 1 Gigabit Ethernet BiDi Fiber Single Strand SFP designed, programmed and tested to work with compatible Extreme Networks switches and routers to deliver reliable 1GbE connectivity
- **INCREASE BANDWIDTH ON EXISTING INFRASTRUCTURE:** This 1 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 1G Bi-Directional Downstream Single Mode (SMF) LC Connector 1490nmTx/1310nmRx Digital Diagnostic Monitoring (DDM) Distances up to 10 km (6.2 mi)
- **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
- **PROGRAMMED & TESTED FOR COMPATIBILITY:** Compatible with Extreme Networks 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	Extreme Networks
Industry Standards	IEEE 802.3z 1000BASE-BX

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### Performance

Maximum Data Transfer Rate	1.00 Gbps
Max Transfer Distance	10 km (6.2 mi)
Type	Single Mode
Wavelength	1490nmTx/1310nmRx
Fiber Operating Mode	Full-Duplex
DDM	Yes
Compatible Networks	1000 Mbps (1 Gbps)

MTBF 286,217,327 hours

Power Consumption (In Watts) < 1.3W

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**Physical Characteristics**

Product Length 0.5 in [1.4 cm]

Product Width 2.2 in [5.7 cm]

Product Height 0.5 in [1.2 cm]

Weight of Product 0.7 oz [20 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.*

