

## Extreme Networks 10056H Compatible SFP Module - 1000BASE-BX-D - 10 GbE Gigabit Ethernet BiDi Fiber (SMF) (10056H-ST)

**Product ID:** 10056H-ST



The 10056H-ST is an Extreme Networks 10056H compatible downstream fiber SFP transceiver which pairs with StarTech.com's 10057H-ST. They are designed, programmed and tested to work with 1000Base-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 10056H COMPATIBLE:** 1 Gigabit Ethernet BiDi Fiber Single Strand SFP designed, programmed and tested to work with compatible Extreme Networks 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 1490nmTx/1310nmRx Digital Diagnostic Monitoring (DDM) Distances up to 10 km (6.2 mi)
- **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 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	< 1.3W



Watts)

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**Physical  
Characteristics**

Product Length	0.5 in [13.7 mm]
Product Width	2.2 in [56.6 mm]
Product Height	0.5 in [12.5 mm]
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 [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.***

