

Extreme Networks 10056H Compatible SFP Module - 1000BASE-BX-D - 1 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 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)
- **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

Hardware

Warranty	Lifetime
Compatible Brand	Extreme Networks
Industry Standards	IEEE 802.3z 1000BASE-BX

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)

**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]

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

