

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

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 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.

### **StarTech.com SFPs**

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



## 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 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

	Warranty	Lifetime
<b>Hardware</b>	Compatible Brand	Extreme Networks
<b>Performance</b>	DDM	Yes
	Maximum Data Transfer Rate	1.00 Gbps
	MTBF	286,217,327 hours
<b>Physical Characteristics</b>	Product Height	12.500
	Product Length	0.5 in [1.4 cm]
	Product Width	56.600
	Weight of Product	20.000
<b>Packaging Information</b>	Package Height	31.000
	Package Length	115.000
	Package Width	90.000
	Shipping (Package) Weight	50.000
<b>What's in the Box</b>	Included in Package	1 - SFP Transceiver
	Fiber Operating Mode	Full-Duplex

Product appearance and specifications are subject to change without notice.