Extreme Networks 10056 Compatible SFP Module - 1000BASE-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 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 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)

• 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

• 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

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 Watts)	< 1.3W

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]

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]

What's in the Box

	Included in Package	1 - SFP Transceiver

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