

# Gigabit Fiber 1000Base-LX SFP Transceiver Module - Juniper SFP-1GE-LX Compatible - SM LC - 10 km (6.2 mi)

Product ID: SFP1GELXST



This StarTech.com Gigabit fiber SFP is engineered to deliver reliable network connections. Built to exacting specifications and fully tested to ensure maximum performance, this high-quality fiber transceiver module can be installed into Juniper Networks® switches and routers that support the Juniper SFP-1GE-LX transceiver module, as well as other major brands of networking equipment.

This 1000Base-LX SFP delivers Gigabit connectivity over single-mode fiber cable, with a range of up to 10 km (6.2 mi.). It provides a dependable and cost-effective way to add, replace or upgrade the ports on your networking equipment, and it's backed by a lifetime warranty.

## **Built for reliable network performance**

This single-mode SFP transceiver is manufactured by StarTech.com to meet or exceed OEM specifications and comply with the industry's MSA (Multi-Source Agreement) standards. Committed to the highest standards of quality, StarTech.com provides an extensive range of networking products including copper and fiber network cards, fiber media converters, Ethernet switches and wireless products.

## **Fully compatible with Juniper Networks and other major brands**

The SM Gigabit SFP is engineered to the highest quality standards and is 100% Juniper compatible, equivalent to the Juniper SFP-1GE-LX SFP transceiver. The StarTech.com SFP transceiver is configured and fully tested to ensure it works seamlessly with Juniper Networks or other major brands of networking equipment.

You can be assured that the use of StarTech.com SFP products should not affect the warranty protection of your networking equipment.

## **Convenient and scalable**

Delivering both convenience and scalability, this fiber transceiver is fully hot-pluggable, which enables you to install it without interrupting network traffic or having to reboot your equipment. It provides a versatile and cost-effective solution that's compatible with a multitude of Gigabit networking devices.

Ideal for use in switches, routers, and other networking equipment, the SFP provides reliable performance, allowing you to expand your network to remote segments cost-effectively. The SFP supports single-mode fiber cable with a maximum distance of 10 km or 6.2 mi., and maximum data rates of up to 1.25Gbps. This GbE fiber SFP also supports Digital Diagnostics Monitoring (DDM / DOM).

You can count on SFP1GELXST for reliable performance, backed by a lifetime warranty and free lifetime technical support.

### Certifications, Reports and Compatibility



### Applications

- Replace defective or damaged SFPs in MSA compliant or Juniper Networks equipment
- Ideal for deployment in network devices with multiple SFP slots
- Expand your network to remote segments

### Features

- Delivers reliable Gigabit Ethernet connections for 1000Base-LX compliant networks
- 100% Juniper Networks compatible SFP, equivalent to Juniper SFP-1GE-LX
- Backed by lifetime warranty and free lifetime technical support
- Meets or exceeds OEM specifications and MSA (Multi-Source Agreement) industry standards
- Supports Digital Diagnostics Monitoring (DDM / DOM)
- 1310 nm optical wavelength
- Supports single-mode fiber (maximum distance 10 km / 6.2 mi.)
- LC fiber connector
- Maximum data rates up to 1.25Gbps
- Hot-pluggable

	Warranty	Lifetime
<b>Hardware</b>	Industry Standards	IEEE 802.3z 1000BASE-LX
<b>Performance</b>	Compatible Networks	1000 Mbps (1 Gbps)
	DDM	Yes
	Fiber Operating Mode	Full-Duplex
	Fiber Type	Single Mode
	Max Transfer Distance	10 km (6.2 mi)
	Maximum Data Transfer Rate	1.25 Gbps
	Wavelength	1310nm
<b>Connector(s)</b>	Local Unit Connectors	1 - Fiber Optic LC Duplex Female
<b>Special Notes / Requirements</b>	System and Cable Requirements	MSA or Juniper Networks compliant SFP port
		For use in Gigabit fiber networking equipment and media converters
<b>Environmental</b>	Humidity	5~95% RH
	Operating Temperature	0°C to 70°C (32°F to 158°F)
	Storage Temperature	-40°C to 85°C (-40°F to 185°F)
<b>Physical Characteristics</b>	Color	Silver
	Enclosure Type	Aluminum
	Product Height	0.5 in [12.5 mm]
	Product Length	2.2 in [56.6 mm]
	Product Weight	1 oz [28 g]
	Product Width	0.5 in [13.7 mm]
<b>Packaging Information</b>	Shipping (Package) Weight	0.1 lb [0 kg]
<b>What's in the Box</b>	Included in Package	1 - SFP transceiver

Product appearance and specifications are subject to change without notice.