

Juniper RX-FXSM-SFP Compatible SFP Module - 100BASE-LX - 100MbE Single Mode Fiber SMF Optic Transceiver - 100Mb Ethernet SFP - LC 10km - 1310nm - DDM

**Product ID:** RXFXSMSFPST



The RXFXSMSFPST is a Cisco SFP-10G-ER compatible fiber transceiver module that has been designed, programmed and tested to work with Cisco brand switches and routers. It delivers dependable 100 MbE connectivity over fiber cable, for 100BASE-LX10 compliant networks, with a maximum distance of up to 40 km (24.8 mi).

Technical Specifications:

- Wavelength: 1310nm
- Maximum Data Transfer Rate: 100 Mbps
- Type: Single Mode Fiber
- Connection Type: LC Connector
- Maximum Transfer Distance: 10 km (6.2 mi)
- MTBF: 53,972,659 hours
- Power Consumption: < 1.3W
- Digital Diagnostics Monitoring (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% JUNIPER RX-FXSM-SFP COMPATIBLE SFP TRANSCEIVER:** Designed, programmed and tested to work with compatible Juniper switches and routers to deliver reliable 100MbE connectivity
- **TECHNICAL SPECS:** 100BASE-LX 100 Mbps Single Mode (SMF) LC Connector 1310nm Digital Diagnostic Monitoring (DDM) Distances up to 10km (6.2mi)
- **TESTED FOR OEM HOST COMPATIBILITY:** Hot-swappable in Juniper routers and switches; DDM support 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.
- **WORKS WITH MSA COMPLIANT SWITCHES:** Also works with switch models from Ubiquiti, D-Link, Netgear, Supermicro, TP-Link and more that accept uncoded modules

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### Hardware

Warranty	Lifetime
Compatible Brand	Juniper
Industry Standards	IEEE 802.3Z 100BASE-LX10

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### Performance

Maximum Data Transfer Rate	155 Mbps
Max Transfer Distance	10 km (6.2 mi)
Type	Single Mode
Wavelength	1310nm
Fiber Operating Mode	Full-Duplex
DDM	Yes



Compatible Networks	100 Mbps
MTBF	53,972,659 hours
Power Consumption (In Watts)	< 1.3W

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**Connector(s)**

Connector A	1 - SFP Slot
Connector B	1 - Fiber Optic LC Duplex

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**Physical Characteristics**

Product Length	2.6 in [65.0 mm]
Product Width	0.6 in [14.0 mm]
Product Height	0.5 in [1.2 cm]
Weight of Product	2.5 oz [72.0 g]

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**Packaging Information**

Package Length	9.1 in [230.0 mm]
Package Width	8.1 in [207.0 mm]
Package Height	0.6 in [15.0 mm]
Shipping (Package) Weight	2.8 oz [80.0 g]

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**What's in the Box**

Included in Package	1 - SFP Transceiver
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***\*Product appearance and specifications are subject to change without notice.***

