

Brocade 10G-SFPP-LR Compatible SFP+ Module - 10GBASE-LR - 10GbE Single Mode Fiber SMF  
Optic Transceiver - 10GE Gigabit Ethernet SFP+ - LC 10km - 1310nm - DDM

**Product ID:** 10G-SFPP-LR-ST



The 10G-SFPP-LR-ST is a Brocade 10G-SFPP-LR compatible fiber transceiver module that has been designed, programmed and tested to work with Brocade brand switches and routers. It delivers dependable 10 GbE connectivity over fiber cable, for 10GBASE-LR compliant networks, with a maximum distance of up to 10 km (6.2 mi).

Technical Specifications:

- Wavelength: 1310nm
- Maximum Data Transfer Rate: 10 Gbps
- Type: Single Mode
- Connection Type: LC Connector
- Maximum Transfer Distance: 10 km (6.2 mi)
- MTBF: 1,386,624,697 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% BROCADE 10G-SFPP-LR COMPATIBLE SFP+ TRANSCEIVER:** Designed, programmed and tested to work with compatible Brocade switches and routers to deliver reliable 10GbE connectivity
- **TECHNICAL SPECS:** 10GBASE-LR 10Gbps Single Mode (SMF) LC Connector 1310nm Digital Diagnostic Monitoring (DDM) Distances up to 10km (6.2mi)
- **TESTED FOR OEM HOST COMPATIBILITY:** Hot-swappable in Brocade routers and switches; DDM support reports the transceiver's status to most SNMP network management tools
- **WORKS WITH MSA COMPLIANT SWITCHES:** Also works with switch models from Ubiquiti, D-Link, Netgear, Supermicro, TP-Link and more that accept uncoded modules
- **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.

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### Hardware

Warranty	Lifetime
Compatible Brand	Brocade
Industry Standards	IEEE 802.3ae 10GBASE-LR

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### Performance

Maximum Data Transfer Rate	10.00 Gbps
Max Transfer Distance	10 km (6.2 mi)
Type	Single Mode
Wavelength	1310nm
Fiber Operating Mode	Full-Duplex
DDM	Yes

Compatible Networks	10 Gbps
MTBF	1,386,624,697 hours
Power Consumption (In Watts)	< 1.3W

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#### Physical Characteristics

Product Length	0.5 in [1.4 cm]
Product Width	2.3 in [5.8 cm]
Product Height	0.5 in [1.4 cm]
Weight of Product	0.7 oz [21 g]

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#### Packaging Information

Package Length	4.4 in [11.3 cm]
Package Width	3.6 in [9.1 cm]
Package Height	1.3 in [3.3 cm]
Shipping (Package) Weight	1.7 oz [48.0 g]

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#### What's in the Box

Included in Package	1 - SFP+ Transceiver
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#### Warranty Information

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