

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

**Product ID:** XG-LR-ST



The XG-LR-ST is a Brocade XG-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 XG-LR COMPATIBLE SFP+ TRANSCEIVER:** Designed, programmed and tested to work with compatible Brocade switches and routers to deliver dependable 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
- **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.
- **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	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	< 1.3W



Watts)

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**Connector(s)**

Connector A	Fiber Optic LC Simplex
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**Physical Characteristics**

Product Length	0.5 in [13.9 mm]
Product Width	2.3 in [58.4 mm]
Product Height	0.5 in [13.7 mm]
Weight of Product	0.7 oz [21 g]

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**Packaging Information**

Package Length	4.5 in [11.5 cm]
Package Width	3.5 in [90 mm]
Package Height	1.2 in [31 mm]
Shipping (Package) Weight	1.8 oz [50 g]

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**What's in the Box**

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

