

Cisco SFP-10G-LR Compatible SFP+ Module - 10GBASE-LR - 10GbE Single Mode Fiber SMF Optic Transceiver - 10GE Gigabit Ethernet SFP+ - LC 10km - 1310nm - DDM Cisco Firepower, ASR9000, C9300

**Product ID:** SFP10GLRST



The SFP10GLRST is a Cisco SFP-10G-LR compatible fiber transceiver module that has been designed, programmed and tested to work with Cisco 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 Fiber
- Connection Type: LC Connector
- Maximum Transfer Distance: 10 km (6.2 mi)
- MTBF: 2,104,865 hours
- Power Consumption: Less than 1.3 Watts
- 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

- Expand your network to remote segments
- Replacing defective or damaged SFP+ modules in Cisco switches and routers

## Features

- **100% CISCO SFP-10G-LR COMPATIBLE:** Works with Cisco switches like Firepower, ASR9000, C9300, C3850, C9500 and others
- **TECHNICAL SPECS:** 10GBASE-LR 10 Gbps Single Mode (SMF) LC Connector 1310nm Digital Diagnostic Monitoring (DDM) Distances up to 10km (6.2mi)
- **TESTED FOR OEM HOST COMPATIBILITY:** Hot-swappable in Cisco 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	Cisco
Industry Standards	IEEE 802.3ae 10GBASE-LR

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### Performance

Maximum Data Transfer Rate	10 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	2,104,865 hours
Power Consumption (In Watts)	< 1.3 W

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#### Connector(s)

Local Unit Connectors	1 - Fiber Optic LC Duplex
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#### Special Notes / Requirements

Note	For use in 10 Gigabit fiber networking equipment and media converters
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#### Environmental

Operating Temperature	0C to 70C (32F to 158F)
Storage Temperature	-40C to 85C (-40F to 185F)
Humidity	5~95% RH

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#### Physical Characteristics

Product Length	2.2 in [56.6 mm]
Product Width	0.5 in [13.7 mm]
Product Height	0.5 in [1.2 cm]
Weight of Product	0.8 oz [22.0 g]

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#### Packaging Information

Package Length	4.6 in [11.8 cm]
Package Width	3.6 in [92.0 mm]
Package Height	1.3 in [33.0 mm]
Shipping (Package) Weight	3.4 oz [95.0 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.***