

Cisco SFP-10G-LR-S 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: SFP10GLRSST



The SFP10GLRSST is a Cisco SFP-10G-LR-S 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

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

Features

- **100% CISCO SFP-10G-LR-S 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)
- **OUTSTANDING SUPPORT:** Backed by StarTech.com for the life of the module itself, not your equipment; our modules won't void your OEM support and with access to our Tech Advisors 5/24
- **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

Hardware

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

Performance

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|----------------------------|----------------|
| 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 |



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|------------------------------|-----------------|
| Compatible Networks | 10 Gbps |
| MTBF | 2,104,865 hours |
| Power Consumption (In Watts) | < 1.3 W |

Connector(s)

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

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

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

Physical Characteristics

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|-------------------|------------------|
| Product Length | 2.3 in [58.4 mm] |
| Product Width | 0.5 in [13.9 mm] |
| Product Height | 0.5 in [12.6 mm] |
| Weight of Product | 0.7 oz [20.0 g] |

Packaging Information

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|---------------------------|------------------|
| Package Length | 3.7 in [93.0 mm] |
| Package Width | 4.6 in [11.8 cm] |
| Package Height | 1.3 in [33.0 mm] |
| Shipping (Package) Weight | 1.7 oz [48.0 g] |

What's in the Box

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|---------------------|------------------|
| Included in Package | SFP+ transceiver |
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**Product appearance and specifications are subject to change without notice.*