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: SFP10GLRSTTA

The SFP10GLRST is a TAA compliant 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:** 1,203,430 hours  
• **Power Consumption:** Less than 1 Watt  
• **Digital Diagnostics Monitoring (DDM):** Yes

This SFP+ fiber module is hot-swappable, making upgrades and replacements seamless by minimizing network disruptions.

**StarTech.com SFPs**

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)
- 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
- 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
- WORKS WITH MSA COMPLIANT SWITCHES: Also works with switch models from Ubiquiti, D-Link, Netgear, Supermicro, TP-Link and more that accept uncoded modules
## Warranty
Lifetime

### Hardware
- **Compatible Brand**: Cisco®
- **Industry Standards**: IEEE 802.3ae 10 Gbit/s

### Performance
- **Compatible Networks**: 10 Gbps
- **DDM**: Yes
- **Fiber Operating Mode**: Full-Duplex
- **Max Transfer Distance**: 10 km (6.2 mi)
- **Maximum Data Transfer Rate**: 10 Gbps
- **MTBF**: 1,203,430 hours
- **Type**: Single Mode
- **Wavelength**: 1310nm

### Connector(s)
- **Local Unit Connectors**: 1 - Fiber Optic LC Duplex Female

### Special Notes / Requirements
- **Note**: For use in 10 Gigabit fiber networking equipment and media converters
- **System and Cable Requirements**: MSA or Cisco compliant SFP port

### Power
- **Power Consumption (In Watts)**: < 1 W

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

### Physical Characteristics
- **Color**: Silver
- **Package Height**: 1.3 in [34 mm]
- **Package Length**: 4.8 in [12.2 cm]
- **Package Width**: 3 in [75 mm]
- **Shipping (Package) Weight**: 0.1 lb [0.1 kg]

### Packaging Information
- **What's in the Box**: Included in Package
  - 1 - SFP+ transceiver

### What's in the Box
- **Material**: Zinc-Plated Casing
- **Product Height**: 0.4 in [1 cm]
- **Product Length**: 2.2 in [57 mm]
- **Product Width**: 0.5 in [13.3 mm]
- **Weight of Product**: 0.7 oz [19 g]

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