

Cisco SFP-10G-ER Compatible SFP+ Transceiver Module - 10GBASE-ER

Product ID: SFP10GERST



The SFP10GERST is a Cisco SFP-10G-ER 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-ER compliant networks, with a maximum distance of up to 40 km (24.8 mi).

Technical Specifications:

- Wavelength: 1550nm
- Maximum Data Transfer Rate: 10 Gbps
- Type: Single Mode Fiber
- Connection Type: LC Connector
- Maximum Transfer Distance: 40 km (24.8 mi)
- MTBF: 1,293,340 hours
- Power Consumption: Less than 1.6 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% compatibility with Cisco SFP-10G-ER guaranteed
- StarTech.com SFP modules are backed by a lifetime warranty
- Meets or exceeds OEM specifications and Multi-Source Agreement (MSA) industry standards
- Low power consumption of less than 1.6 W
- Hot-swappable with fiber-optic modules

Hardware

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

Performance

Maximum Data Transfer Rate	10 Gbps
Max Transfer Distance	40 km (24.8 mi)
Type	Single Mode
Wavelength	1550nm
Fiber Operating Mode	Full-Duplex
DDM	Yes
Compatible Networks	10 Gbps
MTBF	1,293,340 hours
Power Consumption (In Watts)	< 1.6 W



Connector(s)

Local Unit Connectors Fiber Optic LC Duplex

Special Notes / Requirements

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

Environmental

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

Physical Characteristics

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 0.8 oz [23.0 g]

Packaging Information

Package Length 4.7 in [12.0 cm]
Package Width 3.5 in [90.0 mm]
Package Height 1.2 in [30.0 mm]
Shipping (Package) Weight 3.4 oz [95.0 g]

What's in the Box

Included in Package SFP+ transceiver

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

