

# 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.

### **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% 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

<b>Hardware</b>	Warranty	Lifetime
	Compatible Brand	Cisco®
	Industry Standards	IEEE 802.3ae 10GBASE-ER
<b>Performance</b>	Compatible Networks	10 Gbps
	DDM	Yes
	Fiber Operating Mode	Full-Duplex
	Max Transfer Distance	40 km (24.8 mi)
	Maximum Data Transfer Rate	10 Gbps
	MTBF	1,293,340 hours
	Type	Single Mode
	Wavelength	1550nm
<b>Connector(s)</b>	Local Unit Connectors	1 - Fiber Optic LC Duplex Female
<b>Special Notes / Requirements</b>	<b>Note</b>	For use in 10 Gigabit fiber networking equipment and media converters
	System and Cable Requirements	MSA or Cisco compliant SFP+ port
<b>Power</b>	Power Consumption (In Watts)	< 1.6 W
<b>Environmental</b>	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)
<b>Physical Characteristics</b>	Color	Silver
	Product Height	0.5 in [1.3 cm]
	Product Length	2.3 in [58.4 mm]
	Product Width	0.5 in [13.9 mm]
	Weight of Product	0.8 oz [23 g]
<b>Packaging Information</b>	Package Height	1.2 in [30 mm]
	Package Length	4.7 in [12 cm]
	Package Width	3.5 in [90 mm]
	Shipping (Package) Weight	3.4 oz [95 g]
<b>What's in the Box</b>	Included in Package	1 - SFP+ transceiver
	Material	Aluminum

Product appearance and specifications are subject to change without notice.