

Cisco SFP-10G-ER Compatible SFP+ Module - 10GBASE-ER - 10GbE Single Mode Fiber SMF Optic Transceiver - 10GE Gigabit Ethernet SFP+ - LC 40km - 1550nm - DDM Cisco Firepower, ASR9000, ASR1000

**Product ID:** SFP-10G-ER-ST



The SFP-10G-ER-ST 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: 426,514,897 hours
- Power Consumption: < 1.6W
- 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

### Features

- **100% CISCO SFP-10G-ER COMPATIBLE:** Works with Cisco switches like Firepower, ASR9000, ASR1000, NCS5500, C3850 and others
- **TECHNICAL SPECS:** 10GBASE-ER 10 Gbps Single Mode (SMF) LC Connector 1550nm Digital Diagnostic Monitoring (DDM) Distances up to 40km (24.8mi)
- **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

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#### Hardware

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

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#### Performance

Maximum Data Transfer Rate	10.00 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	426,514,897 hours



Power Consumption (In Watts) < 1.6W

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**Physical Characteristics**

Product Length	0.5 in [13.9 mm]
Product Width	2.3 in [58.4 mm]
Product Height	0.5 in [13.7 mm]
Weight of Product	0.8 oz [24 g]

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**Packaging Information**

Package Length	4.5 in [11.5 cm]
Package Width	3.5 in [90 mm]
Package Height	1.2 in [31 mm]
Shipping (Package) Weight	1.8 oz [50 g]

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**What's in the Box**

Included in Package	SFP+ Transceiver
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*\*Product appearance and specifications are subject to change without notice.*

