

# MSA Compliant SFP+ Transceiver Module - 10GBASE-ER

Product ID: SFP10GBERST



The SFP10GBERST is an MSA compliant fiber SFP transceiver that's designed, programmed and tested to work with 10GBASE-ER compatible MSA switches and routers. The SFP+ transceiver module supports a maximum distance of up to 40 km (24.8 mi) and delivers dependable 10 GbE connectivity over fiber cabling.

## Technical Specifications:

- **Wavelength:** 1310 nm
- **Maximum Data Transfer Rate:** 10 Gbps
- **Type:** Single Mode Fiber
- **Connection Type:** LC Connector
- **Maximum Transfer Distance:** 40 km (24.8 mi)
- **Power Consumption:** Less than 1 Watt
- **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

- Replace defective or damaged SFP+ modules
- Expand your network to remote segments

### Features

- Delivers reliable 10 GbE connections for 10GBASE-ER compliant networks
- StarTech.com SFP modules are backed by a lifetime warranty
- Complies with Multi-Source Agreement (MSA) industry standards
- Low power consumption of less than 1 W
- Hot-swappable with fiber-optic modules

<b>Hardware</b>	Warranty	Lifetime
	Industry Standards	IEEE 802.3ae 10GBASE-ER
	WDM	No
<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
	Type	Single Mode
	Wavelength	1550nm
<b>Connector(s)</b>	Local Unit Connectors	1 - Fiber Optic LC Duplex Female
<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
	Enclosure Type	Aluminum
	Product Height	0.5 in [12.6 mm]
	Product Length	2.3 in [58.4 mm]
	Product Weight	0.8 oz [23 g]
	Product Width	0.5 in [13.9 mm]
<b>Packaging Information</b>	Shipping (Package) Weight	1.9 oz [53 g]
<b>What's in the Box</b>	Included in Package	1 - SFP+ transceiver

Product appearance and specifications are subject to change without notice.