

MSA Uncoded SFP+ Module - 10GBASE-ER - 10GbE Single Mode Fiber (SMF) Optic Transceiver - 10GE Gigabit Ethernet SFP+ - LC 40km - 1550nm - DDM

**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.

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

- 100% MSA UNCODED SFP+ TRANSCEIVER: Designed, programmed and tested to work with compatible MSA Compliant switches and routers to deliver reliable 10GbE connectivity
- TECHNICAL SPECS: 10GBASE-ER 10Gbps Single Mode (SMF) LC Connector 1550nm Digital Diagnostic Monitoring (DDM) Distances up to 40km (24.8mi)
- TESTED FOR COMPATIBILITY: Hot-swappable in MSA Compliant routers and switches; DDM support reports the transceiver's status to most SNMP network management tools.
- WORKS WITH MSA COMPLIANT SWITCHES: Works with switch models from Ubiquiti, D-Link, Netgear, Supermicro, TP-Link and more that accept uncoded modules
- THE IT PRO'S CHOICE: Designed and built for IT Professionals, this SFP module is backed for life (lifetime of module, not network switch), including free lifetime 24/5 multi-lingual technical assistance

---

### Hardware

Warranty	Lifetime
WDM	No
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

Power Consumption (In Watts) < 1.6 W

---

**Connector(s)**

Local Unit Connectors 1 - Fiber Optic LC Duplex

---

**Environmental**

Operating Temperature 0C to 70C (32F to 158F)

Storage Temperature -40C to 85C (-40F to 185F)

Humidity 5~95% RH

---

**Physical Characteristics**

Color Silver

Product Length 2.3 in [58.4 mm]

Product Width 0.5 in [1.4 cm]

Product Height 0.5 in [1.3 cm]

Weight of Product 0.8 oz [23.0 g]

---

**Packaging Information**

Package Length 4.5 in [11.4 cm]

Package Width 3.7 in [9.4 cm]

Package Height 1.3 in [3.2 cm]

Shipping (Package) Weight 1.8 oz [50.0 g]

---

**What's in the Box**

Included in Package 1 - SFP+ transceiver

---

**Warranty Information**

Warranty Lifetime

---

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