

# MSA Uncoded SFP+ Module - 10GBASE-LR - 10GbE Single Mode Fiber (SMF) Optic Transceiver - 10GE Gigabit Ethernet SFP+ - LC 10km - 1310nm - DDM

Product ID: SFP10GBLRST



The SFP10GBLRST is an MSA compliant fiber SFP transceiver that's designed, programmed and tested to work with 10GBASE-LR compatible MSA switches and routers. The SFP+ transceiver module supports a maximum distance of up to 10 km (6.2 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:** 10 km (6.2 mi)
- **Power Consumption:** Less than 1.3 Watts
- **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

- 100% MSA UNCODED SFP+ TRANSCEIVER: Designed, programmed and tested to work with compatible MSA Compliant switches and routers to deliver dependable 10GbE connectivity
- TECHNICAL SPECS: 10GBASE-LR | 10Gbps | Single Mode (SMF) | LC Connector | 1310nm | Digital Diagnostic Monitoring (DDM) | Distances up to 10km (6.2mi)
- TESTED FOR COMPATIBILITY: Hot-swappable in MSA Compliant routers and switches; DDM support reports the transceiver's status to most SNMP network management tools.
- LIFETIME WARRANTY: Backed by a lifetime warranty on the life of the module itself and not the life of your switch; our modules won't void your OEM warranty and supported by our Tech Advisors 5/24
- WORKS WITH MSA COMPLIANT SWITCHES: Works with switch models from Ubiquiti, D-Link, Netgear, Supermicro, TP-Link and more that accept uncoded modules

<b>Hardware</b>	Warranty	Lifetime
	Compatible Brand	MSA Compliant
	Industry Standards	IEEE 802.3ae 10GBASE-LR
	WDM	No
<b>Performance</b>	Compatible Networks	10 Gbps
	DDM	Yes
	Fiber Operating Mode	Full-Duplex
	Max Transfer Distance	10 km (6.2 mi)
	Maximum Data Transfer Rate	10 Gbps
	Type	Single Mode
	Wavelength	1310nm
<b>Connector(s)</b>	Local Unit Connectors	1 - Fiber Optic LC Duplex Female
<b>Power</b>	Power Consumption (In Watts)	< 1.3 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
<b>Packaging Information</b>	Package Height	1.2 in [30 mm]
	Package Length	4.5 in [11.5 cm]
	Package Width	3.5 in [90 mm]
	Shipping (Package) Weight	1.8 oz [52 g]
<b>What's in the Box</b>	Included in Package	1 - SFP+ transceiver
	Material	Aluminum
	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 [22 g]

Product appearance and specifications are subject to change without notice.