

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

**Product ID:** SFP-10GBASE-LR-ST



The SFP-10GBASE-LR-ST is an 10G 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: 1310nm
- Maximum Data Transfer Rate: 10 Gbps
- Type: Single Mode Fiber
- Connection Type: LC Connector
- Maximum Transfer Distance: 10 km (6.2 mi)
- MTBF: 646,156,559 hours
- Power Consumption: < 1.3 W
- 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% 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-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.
- **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

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### Hardware

Warranty	Lifetime
Compatible Brand	MSA Compliant

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### Performance

Maximum Data Transfer Rate	10.00 Gbps
Max Transfer Distance	10 km (6.2 mi)
Type	Single Mode
Wavelength	1310nm
Fiber Operating Mode	Full-Duplex
DDM	Yes
Compatible Networks	10 Gbps

MTBF 646,156,559 hours

Power Consumption (In Watts) < 1.3W

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**Physical Characteristics**

Product Length 0.5 in [1.4 cm]

Product Width 2.3 in [5.8 cm]

Product Height 0.5 in [1.4 cm]

Weight of Product 0.7 oz [21 g]

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**Packaging Information**

Package Length 4.4 in [11.3 cm]

Package Width 3.5 in [9.0 cm]

Package Height 1.3 in [3.3 cm]

Shipping (Package) Weight 2.0 oz [56.0 g]

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**What's in the Box**

Included in Package 1 - SFP+ Transceiver

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**Warranty Information**

Warranty Lifetime

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