

# MSA Compliant QSFP+ Transceiver Module - 40GBASE-LR4

Product ID: QSFP40LR4ST



The QSFP40LR4ST is an MSA compliant fiber QSFP+ transceiver that's designed, programmed and tested to work with 40GBASE-LR4 compatible MSA switches and routers. The QSFP+ transceiver module supports a maximum distance of up to 10 km (6.2 mi) and delivers dependable 40 GbE connectivity over fiber cabling.

## Technical Specifications:

- **Wavelength:** 1270nm to 1330nm
- **Maximum Data Transfer Rate:** 40 Gbps
- **Type:** Single Mode Fiber
- **Connection Type:** LC Connector
- **Maximum Transfer Distance:** 10 km (6.2 mi)
- **MTBF:** 1,489,426 hours
- **Power Consumption:** Less than 2.5 Watts
- **DDM:** Yes

This QSFP+ 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

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

### Features

- Delivers reliable 40 GbE connections for 40GBASE-LR4 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 2.5 W
- Hot-swappable with fiber-optic modules

	Warranty	Lifetime
<b>Hardware</b>	Industry Standards	IEEE 802.3ba 40GBASE-LR4
<b>Performance</b>	Compatible Networks	40 Gbps
	DDM	Yes
	Fiber Operating Mode	Full-Duplex
	Max Transfer Distance	10 km (6.2 mi)
	Maximum Data Transfer Rate	40 Gbps
	MTBF	1,489,426 hours
	Type	Single Mode
	Wavelength	1270nm to 1330nm
<b>Connector(s)</b>	Local Unit Connectors	1 - Fiber Optic LC Duplex Female
<b>Power</b>	Power Consumption (In Watts)	< 2.5 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 [13 mm]
	Product Length	2.8 in [72 mm]
	Product Weight	1.4 oz [40 g]
	Product Width	0.7 in [18.4 mm]
<b>Packaging Information</b>	Shipping (Package) Weight	2.7 oz [76 g]
<b>What's in the Box</b>	Included in Package	1 - QSFP+ transceiver

Product appearance and specifications are subject to change without notice.