

MSA Uncoded QSFP+ Module - 40GBASE-LR4 - 40GbE Single Mode Fiber (SMF) Optic Transceiver - 40GE Gigabit Ethernet QSFP+ - LC 10km - 1270nm to 1330nm - DDM

**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.

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

- **100% MSA UNCODED QSFP+ TRANSCEIVER:** Designed, programmed and tested to work with compatible MSA Compliant switches and routers to deliver dependable 40GbE connectivity
- **TECHNICAL SPECS:** 40GBASE-LR4 40Gbps Single Mode (SMF) LC Connector 1270nm to 1330nm 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

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#### Hardware

|                    |                          |
|--------------------|--------------------------|
| Warranty           | Lifetime                 |
| Compatible Brand   | MSA Compliant            |
| Industry Standards | IEEE 802.3ba 40GBASE-LR4 |

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#### Performance

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|----------------------------|------------------|
| Maximum Data Transfer Rate | 40 Gbps          |
| Max Transfer Distance      | 10 km (6.2 mi)   |
| Type                       | Single Mode      |
| Wavelength                 | 1270nm to 1330nm |
| Fiber Operating Mode       | Full-Duplex      |
| DDM                        | Yes              |
| Compatible Networks        | 40 Gbps          |



MTBF 1,489,426 hours

Power Consumption (In Watts) < 2.5 W

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**Connector(s)**

Local Unit Connectors Fiber Optic LC Duplex

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**Environmental**

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

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

Humidity 5~95% RH

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**Physical Characteristics**

Product Length 2.8 in [72.0 mm]

Product Width 0.7 in [18.4 mm]

Product Height 0.5 in [13.0 mm]

Weight of Product 1.4 oz [40.0 g]

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**Packaging Information**

Package Length 4.6 in [11.7 cm]

Package Width 3.6 in [92.0 mm]

Package Height 1.3 in [32.0 mm]

Shipping (Package) Weight 2.7 oz [76.0 g]

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**What's in the Box**

Included in Package QSFP+ transceiver

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

