

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 reliable 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.
- **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
Compatible Brand	MSA Compliant
Industry Standards	IEEE 802.3ba 40GBASE-LR4

Performance

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

Connector(s)

Local Unit Connectors	1 - 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

Physical Characteristics

Product Length	2.8 in [72.0 mm]
Product Width	0.7 in [18.4 mm]
Product Height	0.5 in [1.3 cm]
Weight of Product	1.4 oz [40.0 g]

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]

What's in the Box

Included in Package	1 - QSFP+ transceiver
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**Product appearance and specifications are subject to change without notice.*