

Cisco QSFP-40G-LR4 Compatible QSFP+ Module - 40GBASE-LR4 - 40GbE Single Mode Fiber SMF Optic Transceiver - 40GE Gigabit Ethernet QSFP+ - LC 10km - 1270nm to 1330nm - DDM  
Cisco Firepower, ASR1000, ASR9000

**Product ID:** QSFP40GLR4ST



The QSFP40GLR4ST is a Cisco QSFP-40G-LR4 compatible fiber transceiver module that has been designed, programmed and tested to work with Cisco brand switches and routers. It delivers dependable 40 GbE connectivity over fiber cable, for 40GBASE-LR4 compliant networks, with a maximum distance of up to 10 km (6.2 mi).

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
- Digital Diagnostics Monitoring (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

- Replacing defective or damaged SFP+ modules in Cisco switches and routers
- Expand your network to remote segments

### Features

- **100% CISCO QSFP-40G-LR4 COMPATIBLE:** Works with Cisco switches like Firepower, ASR1000, ASR9000, C9300, C3850 and others
- **TECHNICAL SPECS:** 40GBASE-LR4 40 Gbps Single Mode (SMF) LC Connector 1270nm to 1330nm Digital Diagnostic Monitoring (DDM) Distances up to 10km (6.2mi)
- **TESTED FOR OEM HOST COMPATIBILITY:** Hot-swappable in Cisco routers and switches; DDM support reports the transceiver's status to most SNMP network management tools
- **OUTSTANDING SUPPORT:** Backed by StarTech.com for the life of the module itself, not your equipment; our modules won't void your OEM support and with access to our Tech Advisors 5/24
- **WORKS WITH MSA COMPLIANT SWITCHES:** Also 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	Cisco
Industry Standards	IEEE 802.3ba 40GBASE-LR4

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#### 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

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**Connector(s)**

Local Unit Connectors	Fiber Optic LC Duplex
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**Special Notes / Requirements**

Note	For use in 40 Gigabit fiber networking equipment and media converters
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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	1.6 oz [44.0 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 [34.0 mm]
Shipping (Package) Weight	2.6 oz [75.0 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.*