

Cisco QSFP-40G-LR4-S 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: QSFP40GLR4S



The QSFP40GLR4S is a Cisco QSFP-40G-LR4-S 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-S 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

Hardware

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

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 |



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|------------------------------|-----------------|
| Compatible Networks | 40 Gbps |
| MTBF | 1,489,426 hours |
| Power Consumption (In Watts) | < 2.5 W |

Connector(s)

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|-----------------------|-----------------------|
| Local Unit Connectors | Fiber Optic LC Duplex |
|-----------------------|-----------------------|

Special Notes / Requirements

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|------|---|
| Note | For use in 40 Gigabit fiber networking equipment and media converters |
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Environmental

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|-----------------------|----------------------------|
| Operating Temperature | 0C to 70C (32F to 158F) |
| Storage Temperature | -40C to 85C (-40F to 185F) |
| Humidity | 5~95% RH |

Physical Characteristics

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|-------------------|------------------|
| 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] |

Packaging Information

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|---------------------------|------------------|
| 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 | 3.4 oz [95.0 g] |

What's in the Box

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