

# 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.

## 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

- 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

<b>Hardware</b>	Warranty	Lifetime
	Compatible Brand	Cisco
	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>Special Notes / Requirements</b>	<b>Note</b>	For use in 40 Gigabit fiber networking equipment and media converters
	System and Cable Requirements	MSA or Cisco compliant QSFP+ port
<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
<b>Packaging Information</b>	Package Height	1.3 in [34 mm]
	Package Length	4.6 in [11.7 cm]
	Package Width	3.6 in [92 mm]
	Shipping (Package) Weight	3.4 oz [95 g]
<b>What's in the Box</b>	Included in Package	1 - QSFP+ transceiver
	Material	Aluminum
	Product Height	0.5 in [1.3 cm]
	Product Length	2.8 in [72 mm]
	Product Width	0.7 in [18.4 mm]
	Weight of Product	1.6 oz [44 g]

Product appearance and specifications are subject to change without notice.