

# 40 Gigabit Fiber 40GBase-LR4 QSFP+ Transceiver Module - Cisco QSFP-40G-LR4 Compatible - SM LC - 10 km (6.2 mi.)

Product ID: QSFP40GLR4ST



This Cisco® compatible 40GBase QSFP (Quad Small Form-Factor Pluggable) is engineered by StarTech.com to deliver what you want most in your network connections: reliable performance. Built to exacting specifications and fully tested to ensure maximum performance, you can install this high-quality fiber transceiver module into Cisco networking devices that support the Cisco QSFP-40G-LR4, as well as other major brands of networking equipment.

With powerful four-lane performance, this 40GBase-LR4 QSFP+ transceiver module delivers 40 Gigabit connectivity over single-mode fiber with an optical wavelength of 1270nm to 1330nm and a range of up to 10 km (6.2 mi.). It provides a dependable and cost-effective way to add, replace or upgrade the ports on your networking equipment, and it's backed by a lifetime warranty.

## **Built for reliable network performance**

This 40GBase-LR4 QSFP+ is manufactured by StarTech.com to meet or exceed OEM specifications and comply with the industry's MSA (Multi-Source Agreement) standards. Committed to the highest standards of quality, StarTech.com provides an extensive range of networking products including copper and fiber network cards, fiber media converters, Ethernet switches and wireless products.

## **Fully compatible with Cisco and other major brands**

The 40 Gigabit single-mode QSFP+ is engineered to the highest quality standards and is 100% Cisco compatible, equivalent to the Cisco QSFP-40G-LR4 optical transceiver. The StarTech.com QSFP+ transceiver module is configured and fully tested to ensure it works seamlessly with Cisco or other major brands of networking equipment.

You can be assured that the use of StarTech.com QSFP+ products should not affect the warranty protection of your networking equipment.

## **Convenient and scalable**

Delivering both convenience and scalability, this fiber QSFP+ transceiver is fully hot-pluggable, which enables you to install it without interrupting network traffic or having to reboot your equipment. It provides a versatile and cost-effective solution that's compatible with a range of 40 Gigabit networking devices.

Ideal for use in Cisco switches, routers and other networking equipment, the QSFP+ optical transceiver provides reliable performance, allowing you to expand your network to remote segments cost-effectively. The SM fiber transceiver module supports Digital Diagnostics Monitoring (DDM / DOM), a maximum distance of up to 10 km (6.2 mi.), and maximum data rates of up to 40Gbps.

You can count on QSFP40GLR4ST for reliable performance, backed by a lifetime warranty and free lifetime technical support.

### Certifications, Reports and Compatibility



### Applications

- Provides high performance 40 GbE connectivity for data centers, network applications, enterprises and service providers
- Replace defective or damaged SFP+ modules in MSA compliant or Cisco equipment
- Ideal for deployment in network devices with multiple QSFP slots
- Expand your network to remote segments

### Features

- Delivers reliable 40 Gigabit Ethernet connections for 40GBase-LR4 compliant networks
- 100% Cisco compatible, equivalent to the Cisco QSFP-40G-LR4
- Backed by lifetime warranty and free lifetime technical support
- Meets or exceeds OEM specifications and MSA (Multi-Source Agreement) industry standards
- Supports Digital Diagnostics Monitoring (DDM / DOM)
- 1270 nm to 1330 nm optical wavelength
- Single-mode with maximum distance of up to 10 km (6.2 mi.) and LC fiber connector
- Maximum data rates up to 40Gbps
- Hot-pluggable, compatible with a 40 Gigabit Ethernet QSFP port

<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
	Fiber Type	Single Mode
	Max Transfer Distance	10 km (6.2 mi)
	Maximum Data Transfer Rate	40 Gbps
	MTBF	1,489,426 hours
	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>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
	Enclosure Type	Aluminum
	Product Height	0.5 in [13 mm]
	Product Length	2.8 in [72 mm]
	Product Weight	1.6 oz [44 g]
	Product Width	0.7 in [18.4 mm]
<b>Packaging Information</b>	Shipping (Package) Weight	2.6 oz [75 g]
<b>What's in the Box</b>	Included in Package	1 - QSFP+ transceiver

Product appearance and specifications are subject to change without notice.