

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

**Product ID:** 40G-QSFP-LR4-ST



The 40G-QSFP-LR4-ST is a Brocade 40G-QSFP-LR4 compatible fiber transceiver module that has been designed, programmed and tested to work with Brocade 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
- Connection Type: MPO Connector
- Maximum Transfer Distance: 10 km (6.2 mi)
- MTBF: 95,832,027 hours
- Power Consumption: < 1.3W
- 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

### Features

- **100% BROCADE 40G-QSFP-LR4 COMPATIBLE QSFP+ TRANSCEIVER:** Designed, programmed and tested to work with compatible Brocade switches and routers to deliver dependable 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 OEM HOST COMPATIBILITY:** Hot-swappable in Brocade routers and switches; DDM support reports the transceiver's status to most SNMP network management tools
- **LIFETIME WARRANTY:** Backed by a lifetime warranty on the life of the module itself - not the life of your switch. Our modules won't void your OEM warranty and supported by 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   | Brocade                  |
| Industry Standards | IEEE 802.3ba 40GBASE-LR4 |

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#### Performance

|                            |                  |
|----------------------------|------------------|
| Maximum Data Transfer Rate | 41.25 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                       | 95,832,027 hours |
| Power Consumption (In      | < 1.3W           |



Watts)

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**Physical  
Characteristics**

|                   |                  |
|-------------------|------------------|
| Product Length    | 0.7 in [18.3 mm] |
| Product Width     | 4.8 in [12.2 cm] |
| Product Height    | 0.3 in [8.5 mm]  |
| Weight of Product | 1.7 oz [49 g]    |

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**Packaging  
Information**

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|------------------------------|------------------|
| Package Length               | 4.5 in [11.5 cm] |
| Package Width                | 3.5 in [90 mm]   |
| Package Height               | 1.2 in [31 mm]   |
| Shipping (Package)<br>Weight | 1.8 oz [50 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.***

