

MSA Uncoded QSFP+ Module - 40GBASE-SR4 - Multi Mode Fiber (MMF) - 40GE Gigabit Ethernet  
QSFP+ - MPO 300m - 850nm

**Product ID:** QSFP-40G-ESR4-ST



The QSFP-40G-ESR4-ST is an MSA compatible fiber transceiver module that has been designed, programmed and tested to work with MSA brand switches and routers. It delivers dependable 40 GbE connectivity over fiber cable, for 40GBASE-SR4 compliant networks, with a maximum distance of up to 300 m (984 ft).

Technical Specifications:

- Wavelength: 850nm
- Maximum Data Transfer Rate: 40 Gbps
- Type: Multi Mode Fiber
- Connection Type: MPO
- Maximum Transfer Distance: 300 m (984 ft)
- MTBF: 498,745,585 hours
- Power Consumption: Low power consumption
- 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 & QSFP+ transceiver modules are backed by a lifetime warranty and free lifetime multilingual technical support. StarTech.com offers a wide variety of QSFP+ modules and direct-attach QSFP+ cables, providing the convenience and reliability you need to ensure dependable network performance.

## Certifications, Reports and Compatibility



## Applications

## Features

- **100% MSA UNCODED COMPATIBLE:** Designed, programmed and tested to work with compatible MSA UNCODED switches and routers to deliver reliable 40GbE connectivity
- **TECHNICAL SPECS:** 40GBASE-SR4 40 Gbps Multi Mode MPO Connector 850nm Distances up to 300 m (984 ft)
- **TESTED FOR OEM HOST COMPATIBILITY:** Hot-swappable in MSA compliant routers and switches
- **WORKS WITH MSA COMPLIANT SWITCHES:** Also works with switch models from Ubiquiti, D-Link, Netgear, Supermicro, TP-Link and more that accept uncoded modules
- **THE IT PRO'S CHOICE:** Designed and built for IT Professionals, this SFP module is backed for life (lifetime of module, not network switch), including free lifetime 24/5 multi-lingual technical assistance

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### Hardware

Warranty	Lifetime
Compatible Brand	MSA Compliant
Industry Standards	IEEE 802.3ba 40GBASE-SR4

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### Performance

Maximum Data Transfer Rate	40.00 Gbps
Max Transfer Distance	300 m (984 ft)
Type	Multi Mode
Wavelength	850nm
Fiber Operating Mode	Full-Duplex
DDM	Yes
Compatible Networks	40 Gbps

MTBF	646,156,559 hours
Power Consumption (In Watts)	< 1.3W

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**Physical Characteristics**

Product Length	0.7 in [1.9 cm]
Product Width	4.8 in [12.2 cm]
Product Height	0.3 in [0.8 cm]
Weight of Product	1.3 oz [37.5 g]

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**Packaging Information**

Package Length	7.2 in [18.4 cm]
Package Width	5.3 in [13.4 cm]
Package Height	1.8 in [4.6 cm]
Shipping (Package) Weight	4.6 oz [130.0 g]

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**What's in the Box**

Included in Package	1 - QSFP+ Transceiver
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*\*Product appearance and specifications are subject to change without notice.*