

MSA Uncoded Compatible 7m 40G QSFP+ to QSFP+ Direct Attach Breakout Cable Twinax - 40 GbE QSFP+ Copper DAC 40 Gbps Low Power Active Transceiver Module DAC

**Product ID:** QSFP40GAC7M



The QSFP40GAC7M is an MSA compliant direct-attach copper QSFP+ cable that's designed, programmed and tested to work in 40G network deployments. It delivers dependable 40 GbE connectivity over copper cabling, which is a cost-effective alternative to fiber-optic cable setups.

This active Twinax cable supports 40 Gigabit Ethernet applications connected through QSFP+ (Mini-GBIC) ports. The cable is hot-swappable, making upgrades and replacements seamless by minimizing network disruptions.

At 7 meters long and designed for high-speed performance, this copper QSFP+ cable is ideal for medium-distance applications such as across-rack network switch or server connections.

All StarTech.com SFP & SFP+ cables are backed by a lifetime warranty and free lifetime multilingual technical support. StarTech.com offers a wide variety of direct-attach SFP Cables and SFP modules, providing the convenience and reliability you need to ensure dependable network performance.

## Certifications, Reports and Compatibility

### Applications

- Use in 40Gb Ethernet network applications
- Point-to-point across-rack server or network switch connections

### Features

- MSA UNCODED QSFP+ CABLE (DAC): 40G direct attach cable works with MSA compliant switches the accept uncoded transceivers and modules

- **TECHNICAL SPECS:** 7m (23ft) 40 Gbps Active Twinax (Copper) 2x QSFP+ Pluggable Connector 100 Ohm Impedance 30 AWG Wire Gauge PVC Cable Jacket Hot swappable MSA Compliant
- **DESIGNED FOR SERVER ROOMS:** DAC is a cost-effective copper alternative to fiber cable inside & between racks. Factory termination means high performance & reliability with less maintenance.
- **OUTSTANDING SUPPORT:** Backed by StarTech.com for the life of the cable itself, not your equipment; our cables won't void your OEM support and with access to our Tech Advisors 5/24
- **WORKS WITH MSA COMPLIANT SWITCHES:** Low power 40 GbE DAC also works with switch models from Ubiquiti, D-Link, Netgear, Supermicro, TP-Link and more that accept uncoded modules and transceivers
- Hot-swappable

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#### Hardware

Warranty	Lifetime
Compatible Brand	MSA Compliant
Cable Jacket Material	PVC - Polyvinyl Chloride
Cable Type	Active Copper Cable

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#### Performance

Maximum Data Transfer Rate	40Gbps
Impedance	100 Ohm
Compatible Networks	40 Gbps
Power Consumption (In Watts)	< 0.7 W (per end)

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#### Connector(s)

Connector A	QSFP+
Connector B	QSFP+

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#### Environmental

Operating Temperature	0C to 70C (32F to 158F)
Storage Temperature	-40C to 80C (-40F to 158F)

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#### Physical Characteristics

Product Length	22.6 ft [6.9 m]
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Product Width	0.6 in [14.0 mm]
Product Height	0.5 in [12.0 mm]
Weight of Product	17.3 oz [490.0 g]

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**Packaging Information**

Package Length	13.2 in [33.5 cm]
Package Width	11.0 in [28.0 cm]
Package Height	1.2 in [30.0 mm]
Shipping (Package) Weight	17.8 oz [504.0 g]

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**What's in the Box**

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

