

MSA Uncoded Compatible 1m 40G QSFP+ to QSFP+ Direct Attach Breakout Cable Twinax - 40 GbE QSFP+ Copper DAC 40 Gbps Low Power Passive Transceiver Module DAC

**Product ID:** QSFP40GPC1M



The QSFP40GPC1M 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 passive 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 1 meter 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 in-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:** 1m (3.3ft) 40 Gbps Passive 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            | Passive Copper Cable     |

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### Performance

|                              |                   |
|------------------------------|-------------------|
| Maximum Data Transfer Rate   | 40Gbps            |
| Impedance                    | 100 Ohm           |
| Compatible Networks          | 40 Gbps           |
| Power Consumption (In Watts) | < 0.1 W (per end) |

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### Connector(s)

|             |           |
|-------------|-----------|
| Connector A | 1 - QSFP+ |
| Connector B | 1 - 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    | 3.3 ft [1.0 m]   |
| Product Width     | 0.7 in [18.0 mm] |
| Product Height    | 0.5 in [1.3 cm]  |
| Weight of Product | 4.6 oz [130.0 g] |

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**Packaging  
Information**

|                              |                   |
|------------------------------|-------------------|
| Package Length               | 12.6 in [32.0 cm] |
| Package Width                | 8.1 in [20.7 cm]  |
| Package Height               | 0.8 in [20.0 mm]  |
| Shipping (Package)<br>Weight | 5.2 oz [148.0 g]  |

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**What's in the Box**

|                     |                 |
|---------------------|-----------------|
| Included in Package | 1 - QSFP+ cable |
|---------------------|-----------------|

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***\*Product appearance and specifications are subject to change without notice.***