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1.6ft (50cm) USB4 Cable 40Gbps, 240W (5A) Power Delivery,  8K 120Hz / 4K 240Hz DP Alt Mode, USB-IF Certified USB-C Cable - Thunderbolt Compatible

**Product ID:** 50C-40G-USB4-CABLE




Connect reliably to USB Type-C (USB4), Thunderbolt, and PCIe-enabled devices, delivering up to 40Gbps, 8K/4K video, and 240W of Power Delivery. The connector markings enable quick visual identification, distinguishing this USB4 cable from other similar-looking or unmarked USB-C cables. Eliminate guesswork and always choose the appropriate cable to support full USB4 capabilities.

The USB4 Charger Cord supports up to 240W of Extended Power Range (EPR) Power Delivery 3.1. It is ideal for high performance USB-C laptops requiring extra power, such as 16in MacBook Pro M3 Pro/M3 Max. Connect the cable from the laptop to a USB-C wall charger or compatible docking station.

This USB4 Type-C cable is USB-IF certified for guaranteed USB-C compatibility. It reliably delivers consistent transfer rates and power output. It facilitates 40Gbps data transfer to external USB-C-enabled external storage devices or serves as a single-cable connection from a USB-C dock to a laptop.

This cable has undergone rigorous USB-IF compliance testing to meet USB4 specifications. This includes electrical and mechanical standards which ensure a reliable, high-quality cable for USB-C devices. StarTech.com's cables are designed to meet the technical requirements of wide variety of applications. Our in-house specialists subject our products to multiple rounds of comprehensive testing for interoperability and reliability with the latest devices.

The USB4 cable supports up to 8K 120Hz or 4K 240Hz video over DisplayPort 1.4 Alt Mode with DSC, HDR, and HBR3, and is compatible with 4K 60Hz and lower resolutions.

## Certifications, Reports and Compatibility

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## Applications

• Transfer data at 40 Gbps speeds and 240W of power over a USB4 connection

• Power and charge USB4/USB-C, and Thunderbolt devices

• Connect to an external USB-C networking device or PCIe chassis/storage

## Features

• HIGH PERFORMANCE: Deliver full USB4 capabilities using this USB-C Cable; Enhance productivity with 8K/4K video, 40Gbps, and 240W charging over a single connection; Connector markings identify data/video/power specs; Choose the right USB4 cable at-a-glance

• GUARANTEED COMPATIBILITY: Universal compatibility w/USB-C and Thunderbolt devices; USB-IF certified with E-Marker chip for safe and consistent Power Delivery output to USB-C devices; Supports DisplayPort 1.4 with DSC; Compliant with PCIe 3.0

• QUALITY CONSTRUCTION:Nickel-plated connectors with robust strain reliefs for durability; Coaxial wire with Mylar shield for enhanced EMI protection; Flexible TPE cable jacket is environmentally friendly, non-toxic, halogen-free, and RoHS compliant

• APPLICATIONS: Ideal for high-performance laptops requiring extra power, including 16in MacBook Pro M3 Pro/M3 Max; Seamless connectivity with USB-C and Thunderbolt laptops, docking stations, portable monitors, and USB-C mobile devices

• SPECS: 1.6-foot (0.5-meter); USB4 (40 Gbps); 240W PD 3.1 Extended Power Range (EPR); Up to 8K 120Hz, 4K 240Hz; DisplayPort 1.4 DP Alt Mode w/DSC/HDR/HBR3; PCIe 3.0; Backward Compatible with USB 3.2/3.0/2.0; 30/34 AWG; Cable Outer Diam.: 0.19in (4.8mm)

**Hardware**

| | |
|---|---|
| Warranty | 2 Years |
| Active or Passive Adapter | Passive |
| Connector Plating | Nickel |
| Cable Jacket Material | TPE - Thermoplastic Elastomers |
| Cable Shield Material | Aluminum-Mylar Foil with Braid |

**Performance**

| | |
|---|---|
| Video Revision | DisplayPort 1.4 |
| Maximum Data Transfer Rate | 40 Gbps |
| Maximum Digital Resolutions | 8K 120Hz |

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|---|---|---|
| | Audio Specifications | DisplayPort - 32 Channel Audio |
| | Type and Rate | USB4 - 40 Gbit/s |
| | Supported Protocols | USB4 |
| | | USB 3.2 |
| | | DisplayPort 1.4 Alt Mode |
| | | Power Delivery 3.1 EPR , |
| **Connector(s)** | | |
| | Connector A | 1 - USB4 40Gbps (Thunderbolt 4/3, USB 3.2) |
| | Connector B | 1 - USB4 40Gbps (Thunderbolt 4/3, USB 3.2) |
| **Power** | | |
| | Power Delivery | 240W |
| | Input Voltage | 48V DC |
| | Input Current | 5A |
| **Environmental** | | |
| | Operating Temperature | 0&degC to 60&degC (32&degF to 140&degF) |
| | Storage Temperature | -20C to 60C (-4F to 140F) |
| | Humidity | 40 - 65% RH |
| **Physical Characteristics** | | |
| | Color | Black |
| | Connector Style | Straight |
| | Wire Gauge | 26/32 AWG |
| | Material | Santoprene - Thermoplastic Rubber (TPE) |
| | Cable OD | 0.2 in [4.8 mm] |
| | Product Length | 19.7 in [50.0 cm] |
| | Product Width | 0.5 in [1.2 cm] |
| | Product Height | 0.3 in [6.5 mm] |

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|---|---|---|
| | Weight of Product | 0.8 oz [23.0 g] |
| **Packaging Information** | | |
| | Package Length | 8.7 in [22.0 cm] |
| | Package Width | 5.1 in [13.0 cm] |
| | Package Height | 0.4 in [1.0 cm] |
| | Shipping (Package) Weight | 1.1 oz [30.0 g] |
| **What's in the Box** | | |
| | Included in Package | 1 - USB4 Type-C Cable |

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