

6ft (1.8m) Active USB4 Cable, 40Gbps, 240W PD, 8K 120Hz/4K 240Hz DP2.1 DP40 DSC1.2a, TPE Jacket, Thunderbolt 4 Compatible USB-C Cable - Black USB-C Cord

**Product ID:** CC6FT40GUSB4GEN3



Connect reliably with the Active USB4 Cable to USB Type-C (USB4), Thunderbolt, and PCIe-enabled devices, delivering up to 40Gbps, 8K/4K video, and 240W of Power Delivery. Each connector is laser-etched with USB4 specifications, an exclusive feature that eliminates guesswork, confirms compatibility, and verifies USB4 performance.

Maintain full 40Gbps USB4 connectivity up to 6 feet with an active cable built for demanding data and display workloads. Integrated retimers and signal conditioning preserve bandwidth and signal integrity, ensuring consistent operation with external GPUs, storage arrays, and other high-performance peripherals where extended reach is essential.

Safely power high-performance laptops and USB-C devices with up to 240W of Extended Power Range (EPR) Power Delivery 3.1 using a compatible USB-C docking station or wall charger. An integrated e-marker chip ensures accurate power negotiation for stable, consistent charging. Ideal for professional laptops such as Apple M-series Pro/Max MacBooks.

Drive sharp 8K 60Hz video or dual 4K 120Hz displays via DisplayPort 2.1 Alt Mode with DSC, HBR3, and HDR10+ support. Suitable for professional 3D rendering, high-frame-rate video, and bandwidth-intensive visual workflows. This USB4 cable integrates seamlessly with USB-C or Thunderbolt 4 docks, and maintains backward compatibility with a wide range of resolutions and refresh rates.

## Certifications, Reports and Compatibility



## Applications

- Designed for seamless operation with USB-C or Thunderbolt 4 docking stations
- Drive sharp 8K 60Hz video or support dual 4K 120Hz UHD displays with DSC
- Transfer data at 40 Gbps speeds and 240W of power over a USB4 connection
- Power and charge USB4/USB-C, and Thunderbolt devices

## Features

- **Extend USB4 Beyond Passive Limits:** Active USB4 cable features an integrated retimer chipset to ensure reliable 8K 120Hz video, 40Gbps data transfer, and up to 240W charging to USB-C devices up to 2m away, well beyond the reach of passive cables
- **Reliable Performance for Critical Workflows:** Count on this USB4 cable with active signal management to deliver consistent 40Gbps throughput and sharp 8K video in mission-critical environments with demanding peripherals and high-bandwidth storage
- **Identify Specs Instantly:** Swiftly identify this USB4 cable with Quick ID connector markings; The eco-friendly TPE jacket is flexible and durable, designed to withstand tight bends and is fully RoHS-compliant; Shielded 32/34AWG coaxial wire minimizes EMI
- **Ultra-Fast Docking Cable:** Designed to work with USB-C or Thunderbolt 4 docks; Drive an 8K 120Hz or dual 4K 240Hz displays via DP2.1 (DP40) w/DSC for professional 3D imaging; Ideal for high-performance laptops such as Apple M-series Pro/Max MacBooks
- **The IT Pro's Choice:** Our USB-C cables are rigorously tested in our in-house Innovation Lab for reliable performance, durable construction, and broad compatibility with a variety of devices; Backed by free lifetime 24/5 multi-lingual technical assistance

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### General

|          |              |
|----------|--------------|
| UPC      | 065030926843 |
| Warranty | Lifetime     |

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### Power

|                |      |
|----------------|------|
| Power Delivery | 240W |
| Input Current  | 5A   |

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### Physical & Environmental

|                 |          |
|-----------------|----------|
| Color           | Black    |
| Material        | TPE      |
| Connector Style | Straight |

|                       |                                         |
|-----------------------|-----------------------------------------|
| Wire Gauge            | 32/34 AWG                               |
| Cable Length          | 70.9 in [1800 mm]                       |
| Cable OD              | 0.2 in [4.8 mm]                         |
| Product Length        | 72.0 in [1830 mm]                       |
| Product Width         | 0.5 in [12.7 mm]                        |
| Product Height        | 0.3 in [6.9 mm]                         |
| Weight of Product     | 3.2 oz [90 g]                           |
| Operating Temperature | 0&degC to 60&degC (32&degF to 140&degF) |
| Storage Temperature   | -20C to 60C (-4F to 140F)               |
| Humidity              | 40 - 65% RH                             |

## Performance

|                             |                                                                                |
|-----------------------------|--------------------------------------------------------------------------------|
| HDR Support                 | HDR10+                                                                         |
| Maximum Data Transfer Rate  | 40 Gbps                                                                        |
| Type and Rate               | USB4 (40Gbps)                                                                  |
| Supported Protocols         | USB4<br>USB 3.2<br>DisplayPort 2.1 (DP40) Alt Mode<br>Power Delivery 3.1 EPR , |
| Audio Specifications        | DisplayPort - 32 Channel Audio                                                 |
| Maximum Digital Resolutions | 8K 60Hz                                                                        |
| Video Revision              | DisplayPort 2.1                                                                |

## Hardware

|                           |                                |
|---------------------------|--------------------------------|
| Active or Passive Adapter | Active                         |
| Connector Plating         | Nickel                         |
| Cable Jacket Material     | TPE - Thermoplastic Elastomers |
| Cable Shield Material     | Copper Foil with Braid         |

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**Packaging &  
In-the-Box**

|                              |                                |
|------------------------------|--------------------------------|
| Included in Package          | 1 - Active USB4 Cable - 40Gbps |
| Package Width                | 3.1 in [80 mm]                 |
| Package Depth                | 9.1 in [230 mm]                |
| Package Height               | 1.2 in [30 mm]                 |
| Shipping (Package)<br>Weight | 3.7 oz [104 g]                 |

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**Connector(s)**

|                        |                               |
|------------------------|-------------------------------|
| Connector 1 (Quantity) | 1                             |
| Connector 1            | USB-C (40Gbps, 100W PD Input) |
| Connector 2 (Quantity) | 1                             |
| Connector 2            | USB-C (40Gbps, 100W PD Input) |

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