

6ft (1.8m) Active USB4 Cable, 40Gbps, 240W PD, 8K 60Hz/4K 240Hz DP2.1 DP40, 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 60Hz video, 40Gbps data transfer, and up to 240W charging to USB-C devices up to 6ft 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 seamlessly with USB-C or Thunderbolt 4 docks; Drive an 8K 60Hz or dual 4K 120Hz 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

Hardware

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

Performance

Video Revision	DisplayPort 2.1
Maximum Data Transfer Rate	40 Gbps
Maximum Digital Resolutions	8K 60Hz

Audio Specifications	DisplayPort - 32 Channel Audio
Type and Rate	USB4 (40Gbps)
Supported Protocols	USB4 USB 3.2 DisplayPort 2.1 (DP40) Alt Mode Power Delivery 3.1 EPR ,

Connector(s)

Connector A	1 - USB4 (40Gbps)
Connector B	1 - USB4 (40Gbps)

Power

Power Delivery	240W
Input Current	5A

Environmental

Operating Temperature	0°C to 60°C (32°F to 140°F)
Storage Temperature	-20C to 60C (-4F to 140F)
Humidity	40 - 65% RH

Physical Characteristics

Color	Black
Connector Style	Straight
Wire Gauge	32/34 AWG
Material	Santoprene - Thermoplastic Rubber (TPE)
Cable Length	5.9 ft [1.8 m]
Cable OD	0.2 in [4.8 mm]
Product Length	5.9 ft [1.8 m]
Product Width	0.5 in [12.7 mm]
Product Height	0.3 in [6.9 mm]

Weight of Product	3.0 oz [85 g]
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Packaging Information

Package Length	3.1 in [8.0 cm]
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Package Width	9.1 in [23.0 cm]
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Package Height	1.2 in [3.0 cm]
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Shipping (Package) Weight	3.7 oz [104.0 g]
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What's in the Box

Included in Package	1 - Active USB4 Cable - 40Gbps
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****Product appearance and specifications are subject to change without notice.***