50cm (1.6ft) USB4 Cable, 80Gbps, USB-IF Certified USB-C Cable, 240W PD, 8K 120Hz/4K 240Hz DP2.1 DP80, TPE Jacket, Thunderbolt 4 Compatible - Black USB-C Cord

Product ID: CC50CM80GUSB4CABLE



Connect reliably to USB Type-C (USB4), Thunderbolt, and PCIe-enabled devices, delivering up to 80Gbps, 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 full USB4 performance.

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

Enable full-speed, spec-compliant USB4 performance with a USB-IF Certified cable designed for demanding power, data, and display applications. Rigorously tested to meet electrical and mechanical standards, it ensures reliable interoperability, signal integrity, and consistent operation across a wide range of USB-C devices. The USB4 cable features shielded 30/34AWG coaxial wire for optimal EMI protection.

Drive sharp 8K 120Hz 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. The compact 1.6-foot (50cm) cable length is useful for portable USB-C monitors and space-constrained environments.

Certifications, Reports and Compatibility

RoHS Compliant

Applications

• Designed for seamless operation with USB-C or Thunderbolt 4 docking stations

• Drive sharp 8K 120Hz video or support dual 4K 120Hz UHD displays

• Transfer data at 80 Gbps speeds and 240W of power over a USB4 connection

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

Features

• Versatile USB4 Performance: Enhance productivity with full USB4 capabilities, featuring 8K 120Hz video, 80Gbps, and 240W charging over a single connection; The compact 50cm length is ideal for portable USB-C displays, mobile workstations, and high-speed USB-C devices

• Safe, Certified Compatibility: Trust this USB-IF Certified Cable to ensure peak USB4 performance in critical workflows, with E-marker chip for safe and consistent Power Delivery to USB-C devices; Certified cables guarantee full USB4 and backward compatibility

• 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 30/34AWG coaxial wire minimizes EMI

• Ultra-Fast Docking Cable: Designed to work seamlessly with USB-C or Thunderbolt 4 docks; Drive an 8K 120Hz or dual 4K 120Hz displays via DP2.1 (DP80) 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	Passive
	Connector Plating	Nickel
	Cable Jacket Material	TPE - Thermoplastic Elastomers
	Cable Shield Material	Aluminum-Mylar Foil with Braid
Performance		
	Video Revision	DisplayPort 2.1
	Maximum Data Transfer Rate	80 Gbps
	Maximum Digital Resolutions	8K 120Hz

	Audio Specifications	DisplayPort - 32 Channel Audio
	Type and Rate	USB4 - 80Gbps
	Supported Protocols	USB4 USB 3.2 DisplayPort 2.1 (DP80) Alt Mode Power Delivery 3.1 EPR ,
Connector(s)		
	Connector A	1 - USB4 - 80Gbps
	Connector B	1 - USB4 - 80Gbps
Power		
	Power Delivery	240W
	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	30/34 AWG
	Material	Santoprene - Thermoplastic Rubber (TPE)
	Cable Length	1.6 ft [0.5 m]
	Cable OD	0.2 in [5.0 mm]
	Product Length	1.7 ft [0.5 m]
	Product Width	0.5 in [12.8 mm]
	Product Height	0.3 in [6.9 mm]

	Weight of Product	0.9 oz [26 g]
Packaging Information		
	Package Length	3.1 in [8.0 cm]
	Package Width	9.1 in [23.0 cm]
	Package Height	1.2 in [3.0 cm]
	Shipping (Package) Weight	1.5 oz [42.0 g]
What's in the Box		
	Included in Package	1 - USB4 80Gbps Cable
Warranty Information		
	Warranty	Lifetime

Product appearance and specifications are subject to change without notice.