

Technical data sheet



CU541M USB Cable

Version: A/0

【Product Picture】



【Product Description】

The CU541M is a high-performance USB-C to USB-C cable designed to support a wide range of functions including ultra-fast data transfer, power delivery, video output, and audio transmission. It features a robust aluminum shell with a braided cable and goldplated plug for durability and reliable performance

【Tech Specs】

Technical Specification	Description
Model	CU541M
Color	Black/Gray
Connector Type	USB Type-C
USB Version	USB4
Data Transfer Speed	SuperSpeed+ (40 Gbps)
Cable Length	0.8m,1.2m
Cable Type	USB-C to USB-C cable
Connector Material	Gold-plated
Compatibility	Thunderbolt 4/3,USB4,USB3.2 & 3.1,USB Power Delivery (USB PD)
Power Delivery Support	Yes
Charging Standards	Power Delivery (USB PD)
Data Syncing Support	Yes
Cable Braiding	Cotton braided

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Jacket Material	Aluminum sheet, Braided fabric
Wire Gauge	26 AWG Stranded pairs

【Features】

- 1. USB4 Technology:** Supports USB4 with data transfer speeds of up to 40Gbps for fast and efficient data transfer.
- 2. 5K Resolution Support:** Supports 60Hz HD video output with resolutions up to 5K, or 4K@60Hz video on two screens simultaneously
- 3. Durable Aluminum Shell:** Features a gray aluminum shell for enhanced durability and protection.
- 4. USB Power Delivery:** Built-in E-Marker chip, 1.2m cable supports up to 100W power delivery for fast charging, 0.8m cable supports 240W ultra-fast power delivery charging (48V/5A).
- 5. Braided Cable:** Constructed with a black braided cable for added strength and flexibility.
- 6. Nickel-Plated Connectors:** Features Gold-plated connectors for corrosion resistance and improved signal conductivity.
- 7. Twisted Pair Construction:** Uses twisted pair construction for reduced interference and enhanced signal quality

【Application Environment】

- 1. Data Transfer:** Transfer large files, photos, videos, and other data between USB-C compatible devices at high speed. High-speed transfer between USB-C compatible devices.

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- 2. High-Resolution Video Out:** Connect USB-C devices to a monitor or High-Resolution Video Out: Connect USB-C devices to a monitor or other display device that supports 5K resolution at 60Hz.
- 3. Peripheral Connections:** Use cables to connect USB-C peripherals such as external hard drives, docking stations, and other USB-C devices.
- 4. Fast Charge Charging:** The USB4 supports the USB PD fast charging protocol for fast charging laptops, mobile phones, and other USB PD-compatible devices.

【Important Notice】

- 1. Interface compatibility:** Make sure your device supports USB4 technology for optimal performance and data transfer speeds.
- 2. Handling Precautions:** Avoid excessive bending or twisting of the cable to prevent damage to the internal wires.
- 3. Storage Recommendations:** Store the cable in a cool, dry place away from direct sunlight and moisture.
- 4. Safety:** Do not use this cable in high humidity, direct sunlight, or water to prevent electrical hazards.
- 5. Warranty:** For information on warranty coverage and limitations, refer to the terms and conditions of the warranty provided.