C2G

# 2.5ft (0.8m) Thunderbolt™ 4 USB-C® Cable (40Gbps)

Part No. CG-C2G28886

This Thunderbolt 4 USB-C Cable brings lightning-speed data transfers, 4K video support, and power delivery up to 100W. Get more done with less hassle by carrying one cable for the simplest, most reliable, and fastest connectivity for video, data, and power.

Deliver up to 40Gbps to or from a Thunderbolt 3 or Thunderbolt 4 enabled port. This cable is an ideal solution to transfer large amounts of information, whether uploading or downloading data. It is so fast you can transfer a 5GB file in about a second over the cable.

Stream video and audio with full DisplayPort 2.1 and 'Alt' mode functionality, displaying up to 8K video on a single display or 4K video on two displays for low-latency gaming, immersive creation, and simplified productivity with fantastic contrast and color depth to see photos, videos, and text with unbelievable detail.

Deliver up to 100W of charging power to or from the connected device, like your phone, laptop, or tablet, and other compatible USB devices to charge them quickly.

Connect to a high-speed 10 Gigabit Ethernet network or connect two computers over a peer-to-peer network, allowing for the transfer of large volumes of data from one PC to another, which is ideal when upgrading to a new system.

Connect with confidence, knowing that this Thunderbolt 4 cable has been certified and tested to ensure broad compatibility across Mac®, Windows®, and Chrome OS™ devices.

## Additional Technical Specs

### Signal Specifications

- Resolutions up to 4K (4096 x 2160) at 60Hz
- Signal Bandwidth: 40Gbps Bidirectional

### Electrical Specifications

- Voltage Rating: 30V
- Temp Rating: 80°C
- Max Conductor Resistance at 20°C (OHMS/KM): 30AWG: 387; 32AWG: 588
- Insulation Resistance at 20°C (min): DC-500V 100 KOHM/KM
- Dielectric Strength (min): AC-750V/1 Sec.

### Physical Specifications

- Operating Temperature: 0°C to 50°C; Ambient (Non-Condensing)
- Storage Temperature: 0°C to 70°C; Ambient (Non-Condensing)
- Operating Temperature (C2G28887 only): -20°C to 85°C; Ambient (Non-Condensing)
- Storage Temperature (C2G28887 only): 0°C to 40°C; Ambient (Non-Condensing)
- Minimum Bend Radius: 48mm

### Physical Characteristics

- Housing: LCP, Black
- Jacket: TPE
- Jacket OD: 4.8mm
- Shield Braid Coverage (Min): 80%
- Shield Braid Construction: 42AWG
- Connector: USB Type C Male; Contact: Special Copper; GND: Stainless Steel; Plug Shell: Stainless Steel; Plug EMI: Stainless Steel
- Shielding: Inner Shell Welding with Connector and Cable Braid
- Product is CE Marked and Conforms to 2011/65/EU ROHS 2

## Features & Benefits

Supports a top data transfer speed of 40Gbps when connected to Thunderbolt 3 or Thunderbolt 4 devices

Supports a single 8K 60Hz display or two 4K 60Hz displays

Supports all 'Alt' mode features outputting full DisplayPort, including multi-streaming

Capable of charging up to 100 watts and syncing USB-C mobile devices

Backward compatible with Thunderbolt 3, USB 3.2, 3.0, and 2.0

Thunderbolt Networking allows 10Gb Ethernet connection or peer-to-peer networking between two computers

Daisy-chain up to five Thunderbolt 4 devices or six Thunderbolt 3 devices for flexible configurations

Tested for quality, meeting Intel's required certification standards

## Specifications

### General Info

| | | | |
|---|---|---|---|
| Product Line | C2G | Color | Black |
| UPC Number | 757120288862 | Country Of Origin | China |
| Features | Thunderbolt™ 4 | Application Sector | Commercial, Residential |
| Warranty Type | Lifetime | Type | Cable |

### Dimensions

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|---|---|---|---|
| Product Length US | 2.5 FT | Cable Length | 2.5 ft |

### Technical Information

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|---|---|---|---|
| Video Resolution | 1080p, 4K, 4K 30Hz, 4K 60Hz | Bend Radius | 48 mm |
| Cable Type | USB | Cable Diameter | 4.8 mm |
| Data Transfer Rate | 40 Gbps | Adapter Rear | USB-C Male |

| | |
|---|---|
| Adapter Front | USB-C Male |