

3ft (1m) Rugged Right Angle USB-C Cable, USB 3.2 Gen 2 (10 Gbps), Full-Featured USB C to C Data transfer Cable, 4K 60Hz DP Alt Mode, 100W Power Delivery - 90 Degree USB Type-C Cable

**Product ID:** RUSB31CC1MBR



Connect USB 10Gbps source and peripheral devices, using this 3.3ft (1m) Rugged Right Angle USB Type-C Cable. Position the right angle USB-C connection along the device to reduce cable clutter and avoid prolonged strain from bending.

It is ideal for 10Gbps data transfer to external USB-C-enabled external storage devices, or as a single-cable connection from a USB-C dock to a laptop.

The Rugged USB-C cable supports up to 4K 60Hz video over DisplayPort 1.2 Alt Mode, and is compatible with 1080p and lower resolutions.

Designed to withstand heavy use, the USB-C cable features an Aramid fiber core and durable TPE outer jacket. This heavy-duty construction protects against fraying or breakage and resists tangling.

This USB Type-C cable features Power Delivery (PD) 3.0 with up to 100W PD output. Power and charge a USB-C laptop, such as Apple MacBook, Lenovo ThinkPad, or Microsoft Surface with up to 100W output over USB Power Delivery 3.0. Connect the USB-C cable from a laptop to a USB-C wall charger or docking station.

## Certifications, Reports and Compatibility



## Applications

## Features

- **RIGHT ANGLE USB CABLE:** Rugged USB Type-C Cable features a right angle USB-C connector; Ideal for connecting in tight spaces; 90 degree connector optimizes cable routing without placing unnecessary strain on the connector and device
- **DURABLE CONSTRUCTION:** The USB-C cable is reinforced with Aramid fiber to enhance flexibility and protection from frequent bending and wear; Robust strain reliefs with 8mm bend radius; Nickel-plated connectors rated beyond 10,000 insertion cycles
- **FULL-FEATURE USB-C:** Right angle USB-C cable supports up to 10 Gbps transfer rates, 4K 60Hz DP Alt Mode, and 100W Power Delivery; Universal compatibility between USB-C laptops, docking stations, UHD monitors, and external devices
- **THOUGHTFUL DESIGN:** Built-in E-Marker chip for consistent data, video, and Power Delivery output; Flexible TPE outer jacket is nontoxic, halogen-free, and RoHS compliant; Aluminum-mylar shield for enhanced EMI protection
- **PERFORMANCE:** USB 3.2 Gen 2 (10 Gbps); 4K 60Hz DP Alt Mode 1.2; 100W Power Delivery; 3.3ft (1m); Black; 4.8mm O.D.; Dock and charge a USB-C laptop over a single connection; Optimize cable routing to a USB-C device

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### Hardware

|                           |                                |
|---------------------------|--------------------------------|
| Warranty                  | 2 Years                        |
| Active or Passive Adapter | Passive                        |
| Connector Plating         | Gold and Nickel                |
| Cable Jacket Material     | TPE - Thermoplastic Elastomers |
| Cable Shield Material     | Aluminum-Mylar Foil with Braid |

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### Performance

|                             |                           |
|-----------------------------|---------------------------|
| Video Revision              | DisplayPort 1.2           |
| Maximum Cable Length        | 3.3 ft [1 m]              |
| Maximum Digital Resolutions | 4K 60Hz                   |
| Type and Rate               | USB 3.2 Gen 2 - 10 Gbit/s |

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### Connector(s)

|             |                                                                       |
|-------------|-----------------------------------------------------------------------|
| Connector A | 1 - USB 3.2 Gen 2 USB Type-C (Power Delivery + Data, 24 Pin, 10 Gbps) |
|             | 1 - USB 3.2 Gen 2 USB Type-C (Power Delivery + Data, 24 Pin, 10 Gbps) |

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### Special Notes /

## Requirements

|      |                                                                                           |
|------|-------------------------------------------------------------------------------------------|
| Note | USB 3.2 Gen 2 (10 Gbps) is also know as USB 3.1 Gen 2, USB 3.1, and SuperSpeed USB 10Gbps |
|------|-------------------------------------------------------------------------------------------|

## Power

|                |      |
|----------------|------|
| Power Delivery | 100W |
| Output Current | 5A   |

## Environmental

|                       |                           |
|-----------------------|---------------------------|
| Operating Temperature | 0C to 50C (32F to 122F)   |
| Storage Temperature   | -20C to 60C (-4F to 140F) |
| Humidity              | 0%~85% RH                 |

## Physical Characteristics

|                   |                         |
|-------------------|-------------------------|
| Color             | Black                   |
| Connector Style   | Right Angle to Straight |
| Cable Length      | 3.3 ft [1 m]            |
| Cable OD          | 0.2 in [4.8 mm]         |
| Product Length    | 3.3 ft [1.0 m]          |
| Product Width     | 1.0 in [2.6 cm]         |
| Product Height    | 0.2 in [6.3 mm]         |
| Weight of Product | 1.5 oz [43.0 g]         |

## Packaging Information

|                           |                  |
|---------------------------|------------------|
| Package Quantity          | 1                |
| Package Length            | 8.7 in [22.0 cm] |
| Package Width             | 5.0 in [12.8 cm] |
| Package Height            | 0.6 in [1.4 cm]  |
| Shipping (Package) Weight | 1.7 oz [48.0 g]  |

## What's in the Box

|                     |                                 |
|---------------------|---------------------------------|
| Included in Package | 1 - 1m Right Angled USB-C Cable |
|---------------------|---------------------------------|

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