

1.6ft (50cm) USB-C Cable, Right-Angled, USB 10Gbps, 100W (5A) Power Delivery, 8K 60Hz / 4K 144Hz DP Alt Mode, Rugged USB C Cord - Thunderbolt Compatible

Product ID: RUSB31CC50CMBR



Connect USB 10 Gbps source and peripheral devices, using this 1.6ft (50cm) 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 10 Gbps 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 8K 60Hz or 4K 144Hz video over DisplayPort 1.4 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, 8K 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); 8K 60Hz / 4K 144Hz DP Alt Mode 1.2; 100W Power Delivery; 1.6ft (50cm); Black; 4.8mm O.D.; Dock and charge a USB-C laptop over a single connection; Optimize cable routing to a USB-C device

Hardware

Warranty	2 Years
Active or Passive Adapter	Passive
Cable Jacket Material	TPE - Thermoplastic Elastomers
Cable Shield Material	Aluminum-Mylar Foil with Braid

Performance

Video Revision	DisplayPort 1.2
Maximum Cable Length	1.6 ft [0.5 m]
Maximum Digital Resolutions	8K 60Hz
Type and Rate	USB 3.2 Gen 2 - 10 Gbit/s

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)

Power

Power Delivery	100W
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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	19.7 in [50 cm]
Cable OD	0.2 in [4.8 mm]
Product Length	19.7 in [50.0 cm]
Product Width	1.0 in [2.6 cm]
Product Height	0.2 in [6.3 mm]
Weight of Product	0.9 oz [25.0 g]

Packaging Information

Package Quantity	1
Package Length	7.4 in [18.9 cm]
Package Width	5.0 in [12.7 cm]
Package Height	0.4 in [1.1 cm]
Shipping (Package) Weight	1.0 oz [28.0 g]

What's in the Box

Included in Package	1 - 50cm Right Angled USB-C Cable
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Warranty Information

Warranty	2 Years
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***Product appearance and specifications are subject to change without notice.**