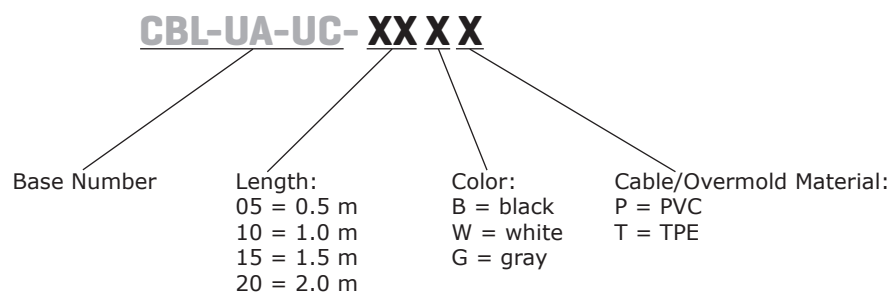


**SERIES:** CBL-UA-UC | **DESCRIPTION:** USB CABLE**FEATURES**

- type A male to type C male
- USB 2.0
- available in 0.5, 1, 1.5, 2.0 m lengths
- PVC or TPE jacket material
- black, white, and gray color options

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage			30		Vdc
rated current				1.5	A
conductor resistance				3	$\Omega$
insulation resistance	at 300 Vdc	10			M $\Omega$
operating temperature		-20		80	$^{\circ}\text{C}$
flammability rating	see material table				
RoHS	yes				

**PART NUMBER KEY**

units: mm  
tolerance:  
 $X \leq 30$ :  $\pm 1.5$  mm  
 $31 < X \leq 100$ :  $\pm 2.0$  mm  
unless otherwise noted

Technical drawing of a USB cable assembly, showing dimensions and callouts for components P1 and P2.

**Dimensions:**

- Overall Length:  $Length \pm 50$
- Distance from P1 to USB connector:  $6.65 \pm 0.2$
- P1 connector height:  $6.4 \pm 0.2$
- Distance from P1 to USB connector (bottom view):  $12.2 \pm 0.2$
- Distance from P1 to USB connector (bottom view, total length):  $31 \pm 0.5$
- Distance from USB connector to P2:  $9.85 \pm 0.3$
- USB connector width:  $18 \pm 0.3$
- Distance from USB connector to P2 (bottom view):  $*11.75min$
- P2 connector height:  $15.8 \pm 0.3$
- Distance from P2 to USB connector:  $7.8 \pm 0.2$

**Callouts:**

- P1:** Connector with pins A1, B12, A12, and B1.
- P2:** Connector with pins 1, 4, and 12.
- 1:** Cable body.
- 2:** Cable body.
- 3:** USB connector.
- 4:** USB connector.

Diagram illustrating the wiring for the 5V pin of the USB connector:

- A5 (56K resistor) connects to 1 (RED).
- (A4.A9.B4.B9)VBUS connects to 2 (WHITE).
- (A6) connects to 3 (GREEN).
- (A1.A12.B1.B12)GND connects to 4 (BLACK).
- SHELL connects to SHELL BRAID.

## PACKAGING

units: mm

Carton Size: 546 x 355 x 186 mm

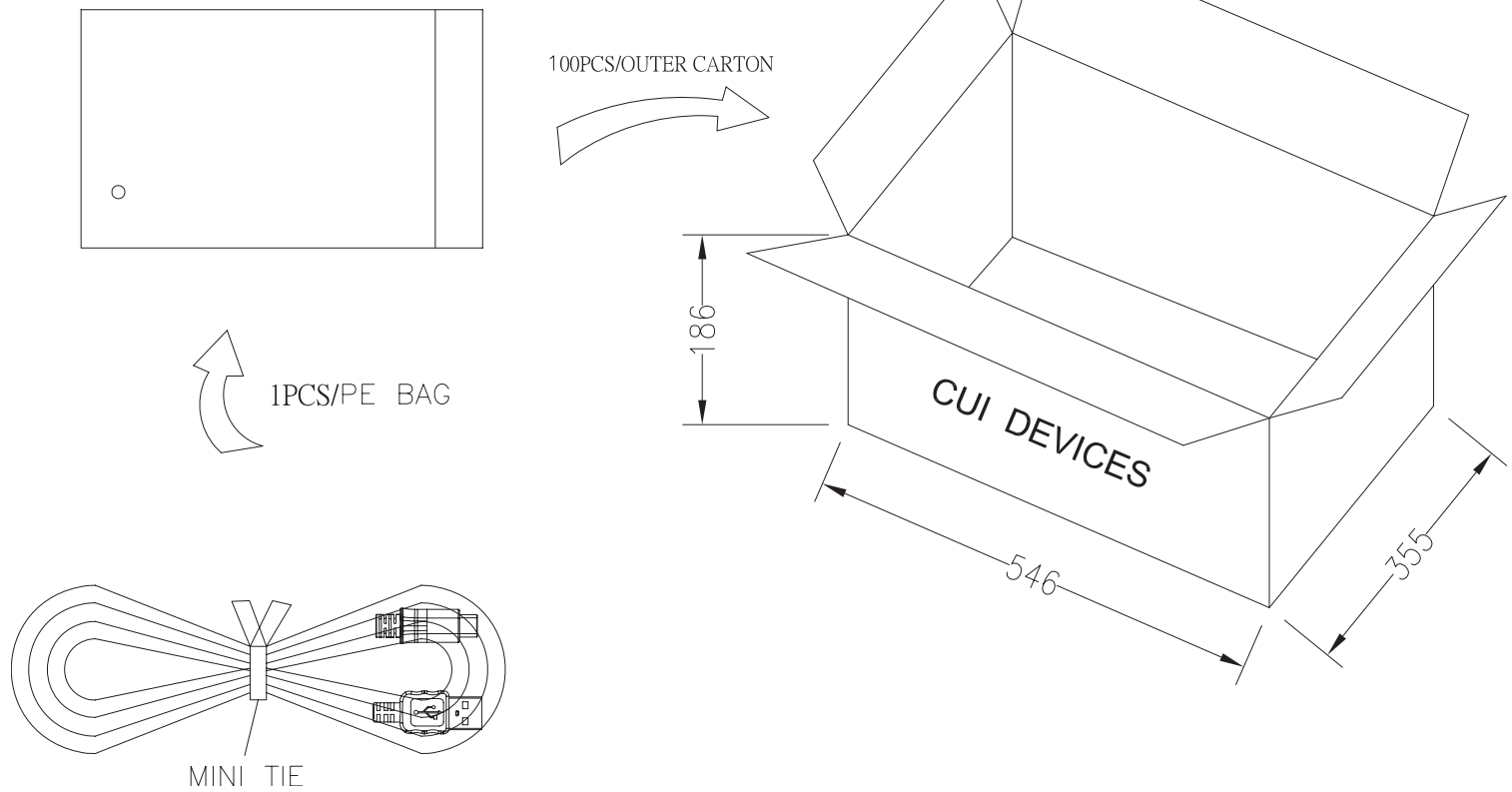
Carton QTY:

0.5 m length models: 200 pcs/carton

1.0 m length models: 150 pcs/carton

1.5 m length models: 150 pcs/carton

2.0 m length models: 100 pcs/carton



## REVISION HISTORY

rev.	description	date
1.0	initial release	11/30/2020
1.01	TPE jacket update	01/19/2021

The revision history provided is for informational purposes only and is believed to be accurate.

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# CUI DEVICES

CUI Devices offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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