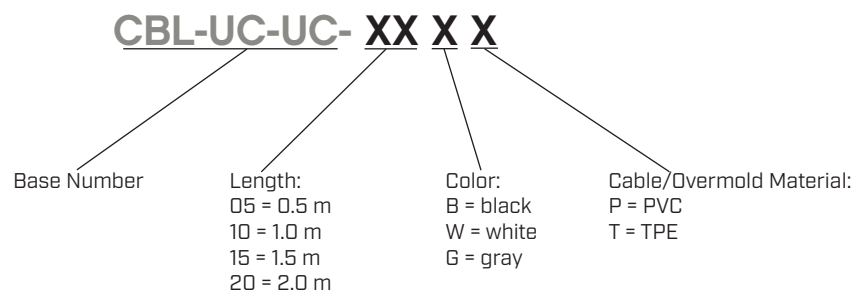


**SERIES:** CBL-UC-UC | **DESCRIPTION:** USB CABLE**FEATURES**

- type C 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**

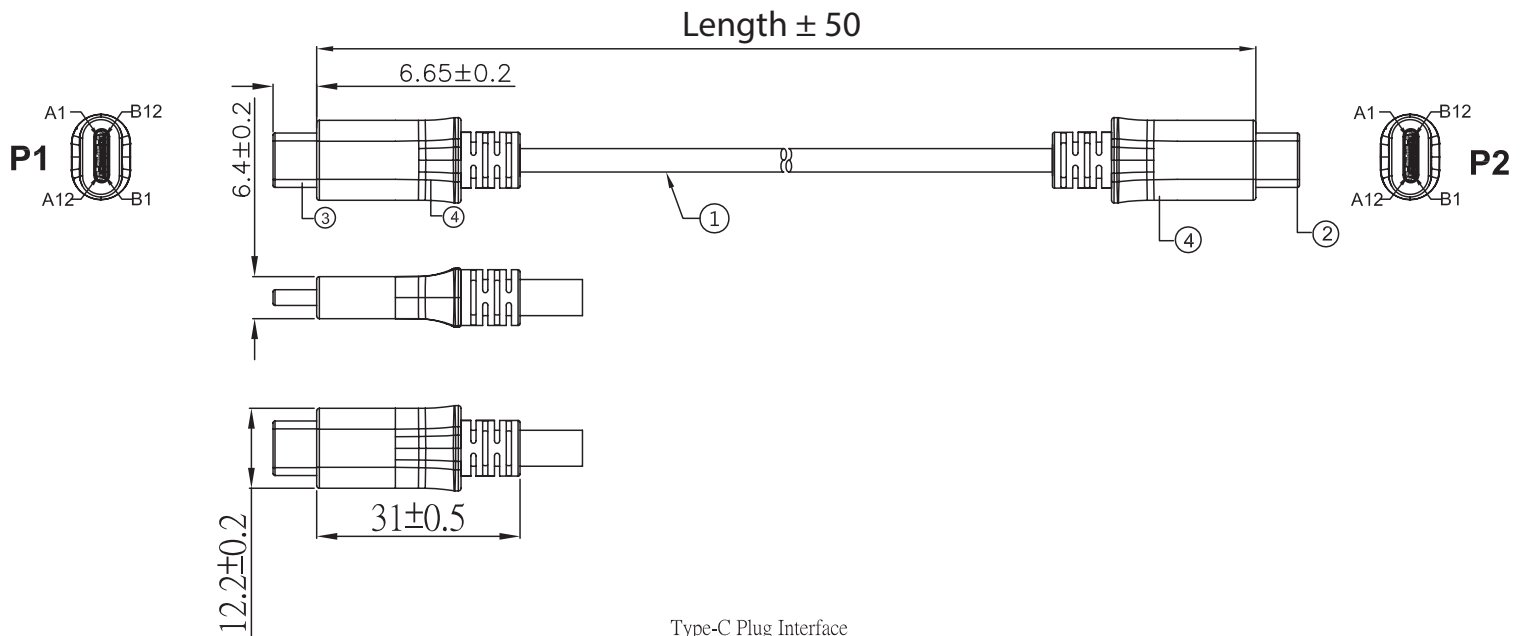
| parameter             | conditions/description | min | typ | max | units      |
|-----------------------|------------------------|-----|-----|-----|------------|
| rated voltage         |                        |     | 30  |     | Vdc        |
| rated current         |                        |     |     | 3   | A          |
| conductor resistance  |                        |     |     | 1   | $\Omega$   |
| insulation resistance | at 300 Vdc             | 10  |     |     | M $\Omega$ |
| operating temperature |                        | -20 |     | 80  | °C         |
| flammability rating   | see material table     |     |     |     |            |
| RoHS                  | yes                    |     |     |     |            |

**PART NUMBER KEY**

## MECHANICAL DRAWING

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

| ITEM | DESCRIPTION         |                                                                                                    |
|------|---------------------|----------------------------------------------------------------------------------------------------|
| 1    | cable (PVC version) | UL2725 [#28*1P+D+A]*1C+#30*2 C+AEB(16/6/0,10 65%) PVC; Black OD=5.5 $\pm$ 0.15 mm; 30 V [UL94VW-1] |
| 1    | cable (TPE version) | [#28*1P+D+A]*1C+#30*2C+AEB(16/6/0,10 65%) TPE; Black OD=5.5 $\pm$ 0.15 mm; 30 V [UL94V-0]          |
| 2    | connector 1         | USB 3.1 C; Color: Black; Contact: gold plated; Shell: Ni plated                                    |
| 3    | connector 2         | USB 3.1 C; Color: Black; Contact: gold plated; Shell: Ni plated                                    |
| 4    | overmold            | PVC 45P or TPE [UL94V-0]                                                                           |

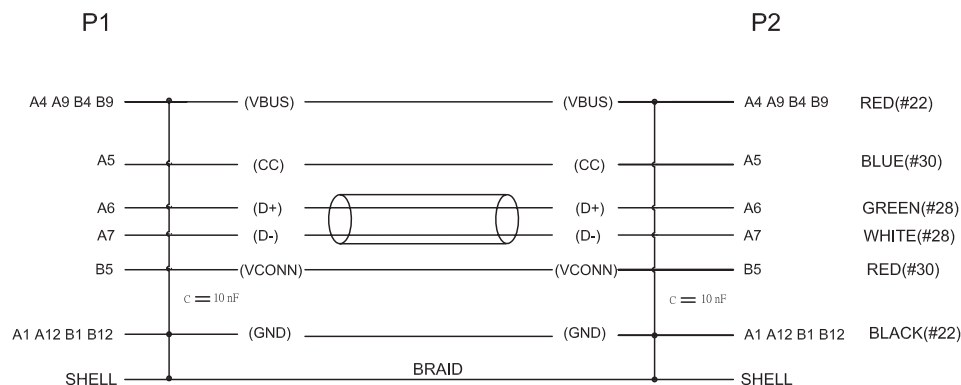


Type-C Plug Interface

|     |      |      |                  |      |    |    |    |                  |      |      |     |
|-----|------|------|------------------|------|----|----|----|------------------|------|------|-----|
| A12 | A11  | A10  | A9               | A8   | A7 | A6 | A5 | A4               | A3   | A2   | A1  |
| GND | RX2+ | RX2- | V <sub>BUS</sub> | SBU1 | D- | D+ | CC | V <sub>BUS</sub> | TX1- | TX1+ | GND |
| B1  | B2   | B3   | B4               | B5   | B6 | B7 | B8 | B9               | B10  | B11  | B12 |

|     |      |      |                  |                   |    |    |      |                  |      |      |     |
|-----|------|------|------------------|-------------------|----|----|------|------------------|------|------|-----|
| GND | TX2+ | TX2- | V <sub>BUS</sub> | V <sub>CONN</sub> |    |    | SUB2 | V <sub>BUS</sub> | RX1- | RX1+ | GND |
| B1  | B2   | B3   | B4               | B5                | B6 | B7 | B8   | B9               | B10  | B11  | B12 |



## PACKAGING

units: mm

Carton Size: 546 x 355 x 186 mm

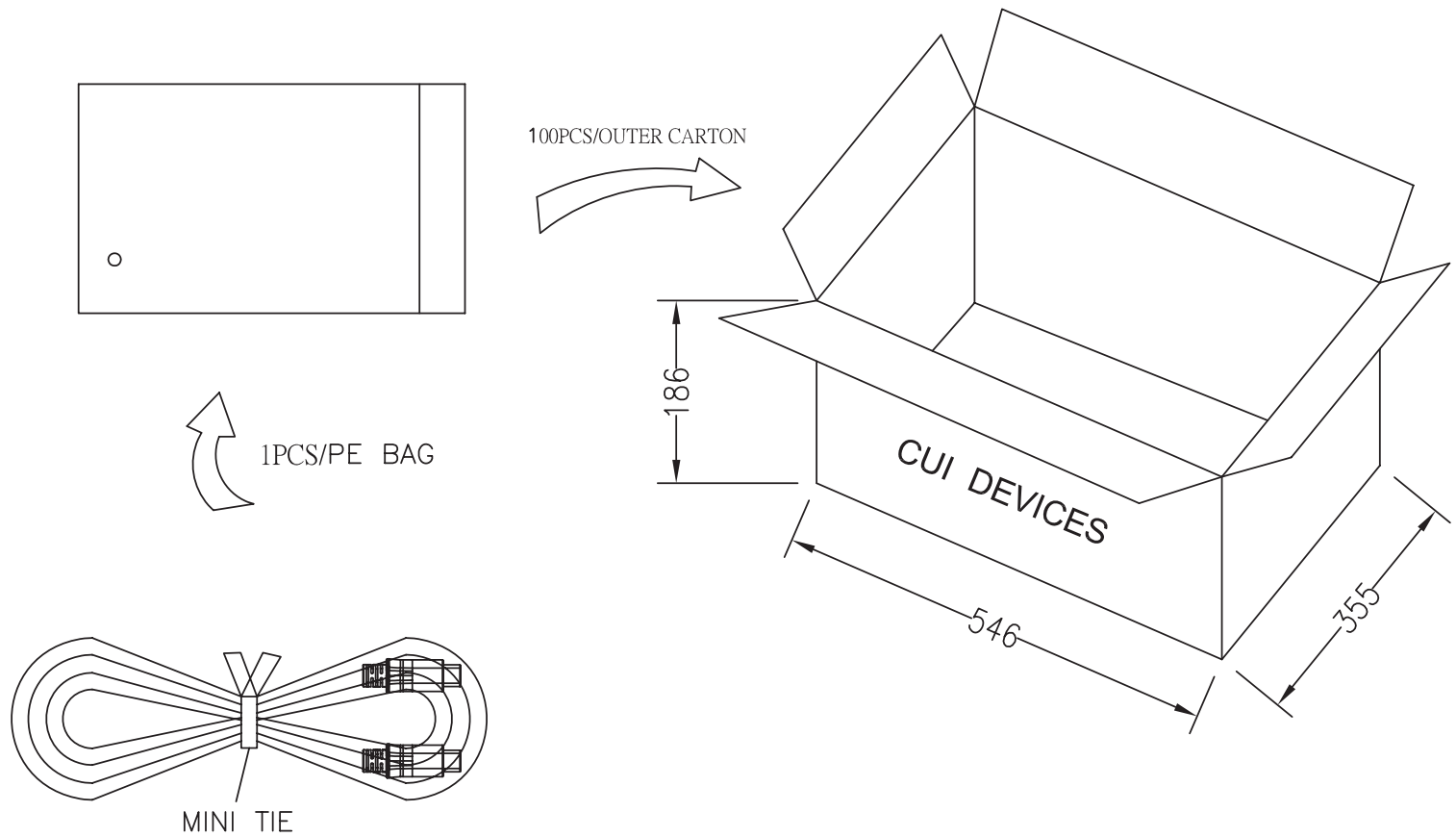
Carton QTY:

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 |
| 1.02 | logo, datasheet style update | 08/05/2022 |

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



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

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