CUDEVICES

SERIES: CBL-A31-C31 | **DESCRIPTION:** USB CABLE

FEATURES

- type A male to type C male
- USB 3.2 Gen 1
- available in 0.5, 1, 1.5, 2.0 m lengths
- PVC or TPE jacket material
- black, white, and gray color options



RoHS

SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
USB standard	USB 3.2 Gen 1				
rated voltage			30		Vdc
rated current				1.5	A
conductor resistance				1	Ω
insulation resistance	at 300 Vdc	10			MΩ
operating temperature		-20		80	°C
flammability rating	see material table				
RoHS	yes				

PART NUMBER KEY

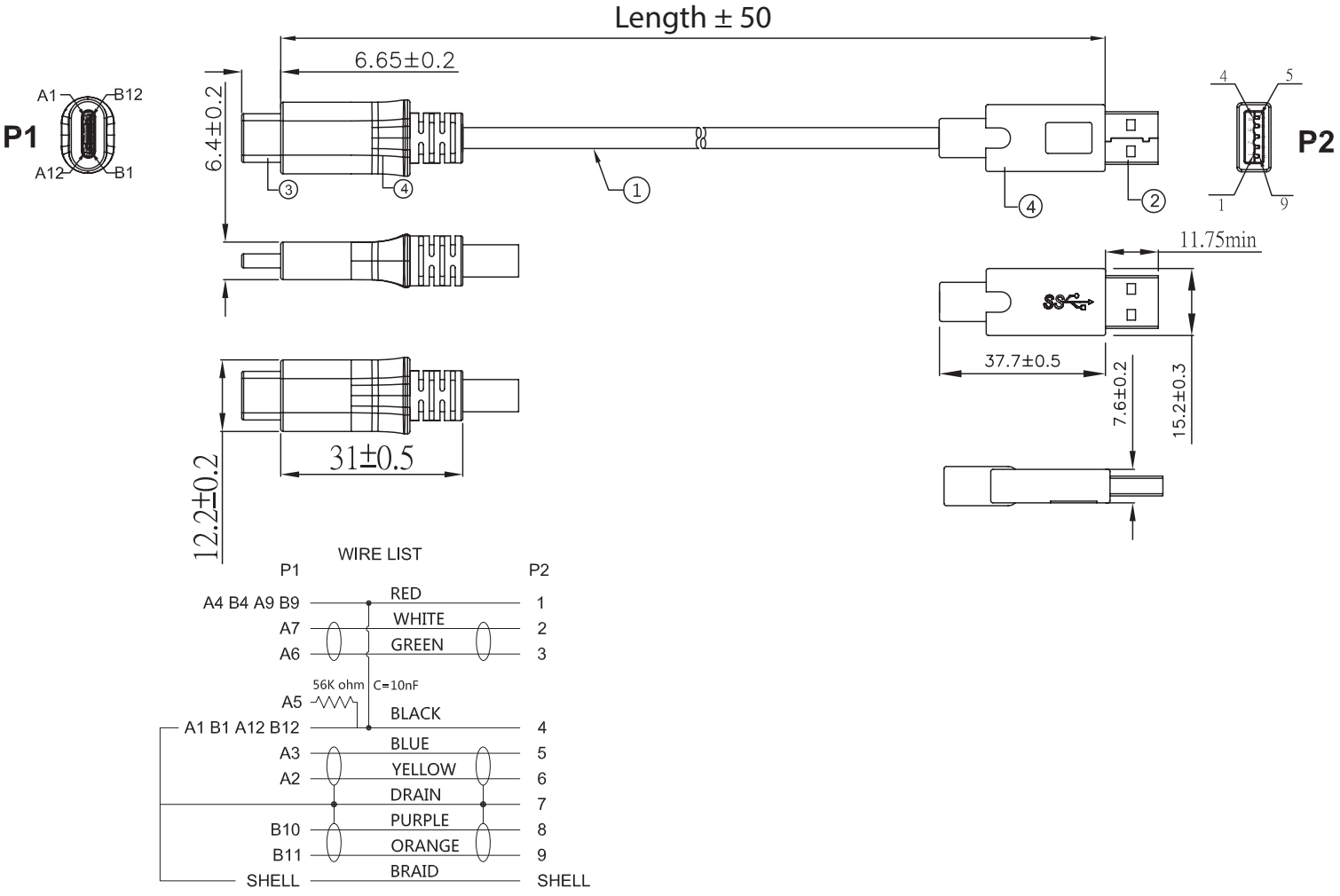
CBL-A31-C31- XX X X

- Base Number
- Length:
  05 = 0.5 m
  10 = 1.0 m
  15 = 1.5 m
  20 = 2.0 m
- Color:
  B = black
  W = white
  G = gray
- Cable/Overmold Material:
  P = PVC
  T = TPE

MECHANICAL DRAWING

units: mm
tolerance:
X≤30: ±1.5 mm
31<X≤100: ±2.0 mm
unless otherwise noted

ITEM		DESCRIPTION
1	cable (PVC version)	UL2725 (#28*1P+D+A+HM)*2+#28 *1P+AL+#24*2C+FAEB(TC65%) PVC; Black OD=5.5±0.15 mm; 30 V (UL94VW-1)
1	cable (TPE version)	(#28*1P+D+A+HM)*2+ #28 *1P+AL+#24*2C+FAEB(TC65%) TPE; Black OD=5.5±0.15 mm; 30 V (UL94V-0)
2	connector 1	USB 3.2 Gen 1 A/M; Color: Blue; Contact: gold flash; Shell: Ni plated
3	connector 2	USB 3.2 Gen 1 C; Color: Black; Contact: gold plated; Shell: Ni plated
4	overmold	PVC 45P or TPE (UL94V-0)



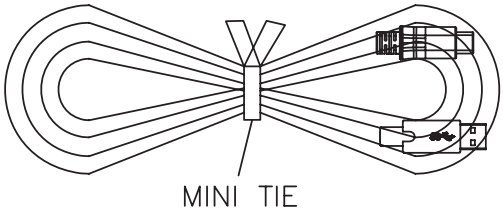
PACKAGING

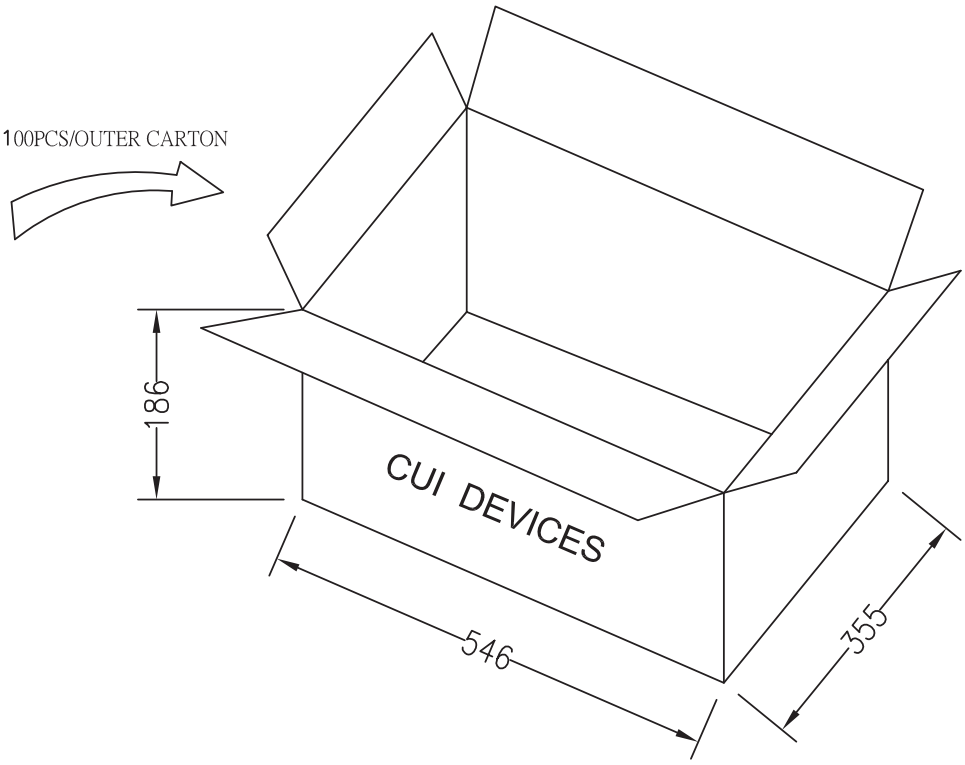
units: mm

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	updated USB standard	05/10/2022
1.03	logo, datasheet style update	08/05/2022

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

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