



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



SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
USB standard	USB 3.2 Gen 1				
rated voltage			5		Vdc
rated current				2.4	A
conductor resistance				20	Ω
insulation resistance	at 300 Vdc	10			M Ω
operating temperature		-20		80	$^{\circ}\text{C}$
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

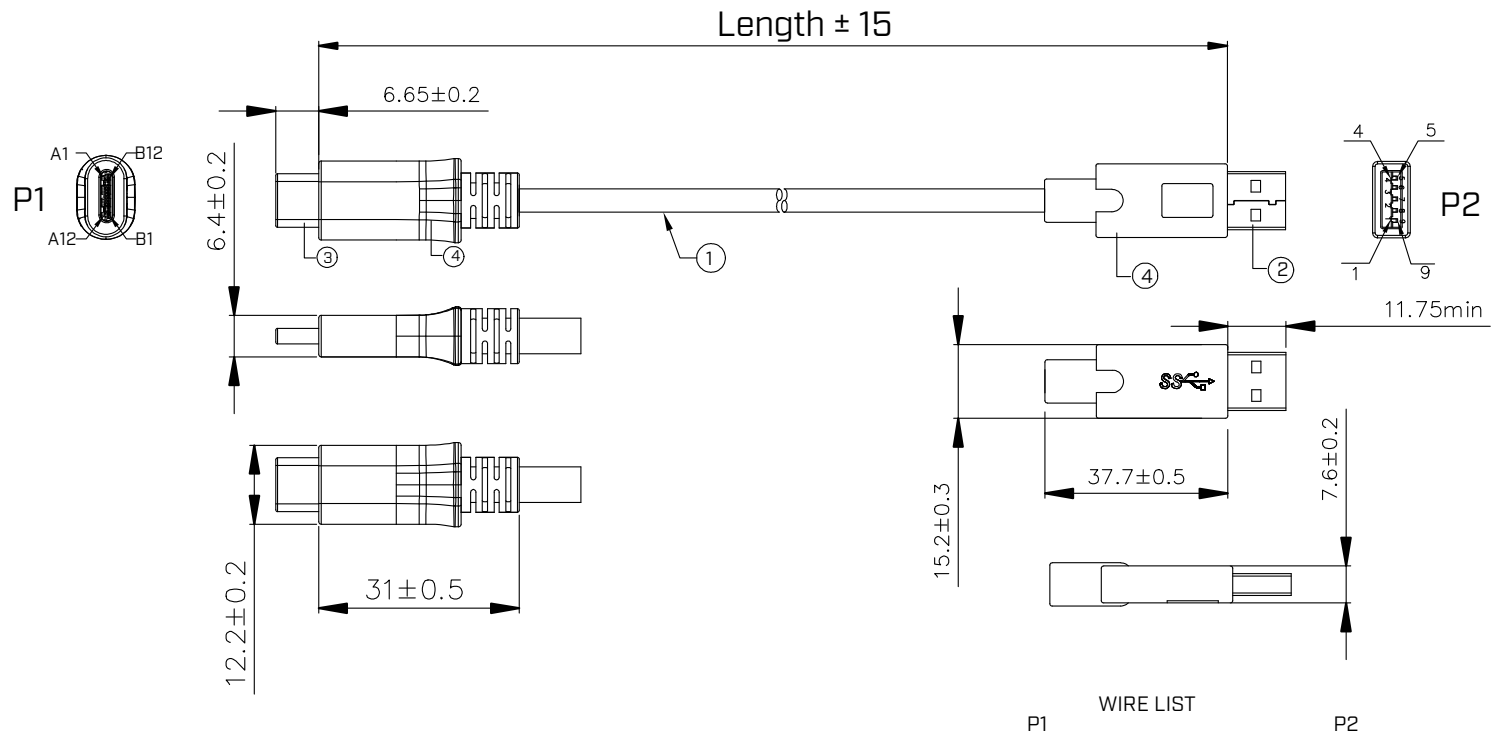
Color:
B = black
W = white
G = gray

Cable/Overmold Material:
P = PVC
T = TPE

MECHANICAL DRAWING

units: mm
tolerance:
X.X ± 0.50 mm
X.XX ± 0.30 mm
X.XXX ± 0.10 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
1	cable (TPE version)	#28[7/0.127] *1P+#24[7/0.2]*2C+AEB(TC65%) TPE(WH010); Black OD=5.5 ± 0.15 mm; 30 V
2	connector 1	USB 3.0 Gen 1 A/M; Color: Blue; Contact: gold flash; Shell: Ni plated
3	connector 2	USB 3.1 Gen 1 C; Color: Black; Contact: gold plated; Shell: Ni plated
4	overmold	PVC 45P or TPE



A5	10K ohm	RED	1
A4 B4 A9 B9		WHITE	2
A7		GREEN	3
A6		BLACK	4
A1 B1 A12 B12		BLUE	5
A3		YELLOW	6
A2		DRAIN	7
B10		PURPLE	8
B11		ORANGE	9
SHELL		BRAID	SHELL

PACKAGING

units: mm

Carton Size: 546 x 355 x 186 mm

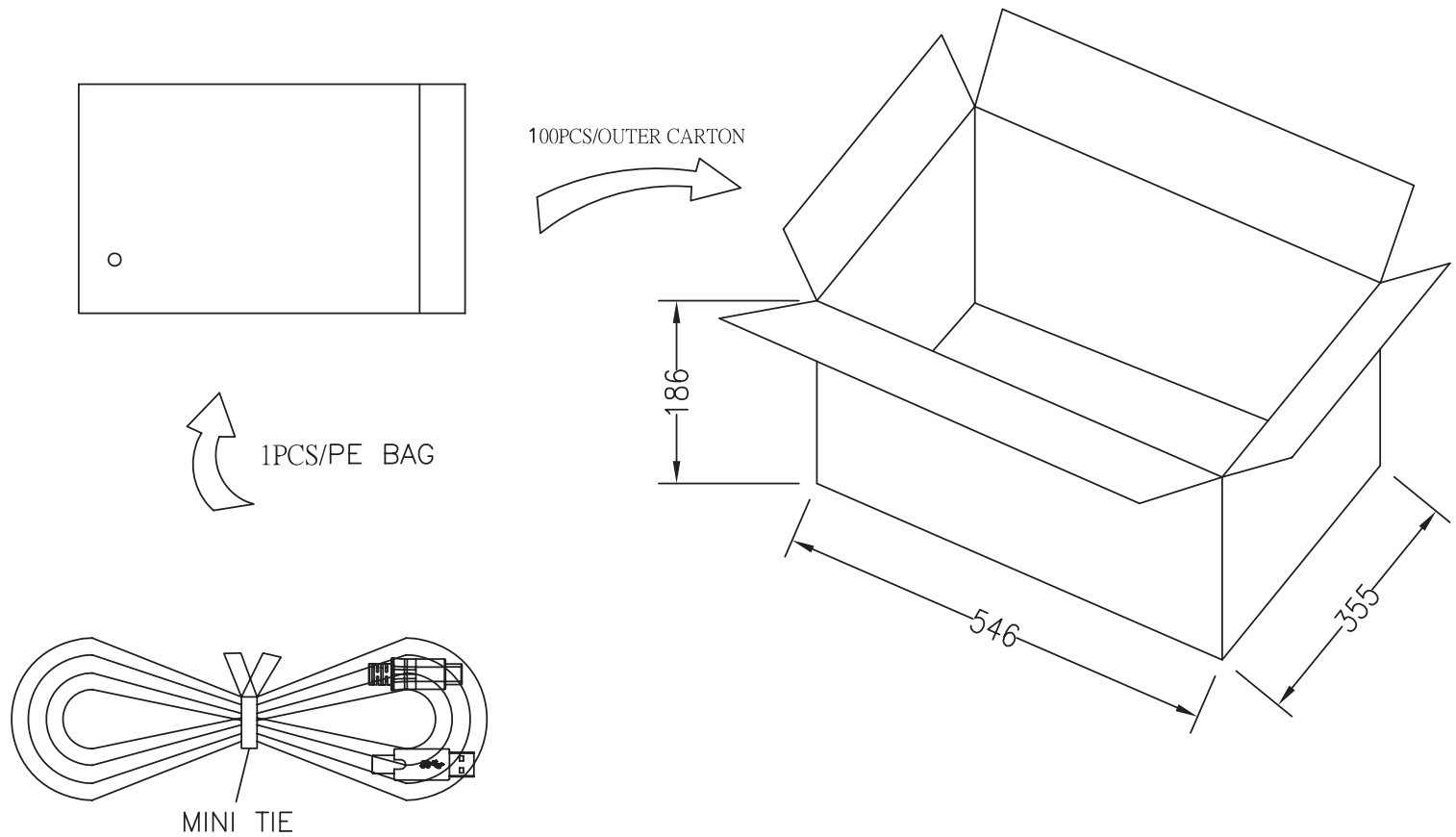
Carton QTY:

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
1.04	modified design	07/23/2024
1.05	CUI Devices rebranded to Same Sky	09/12/2024

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



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

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Same Sky products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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