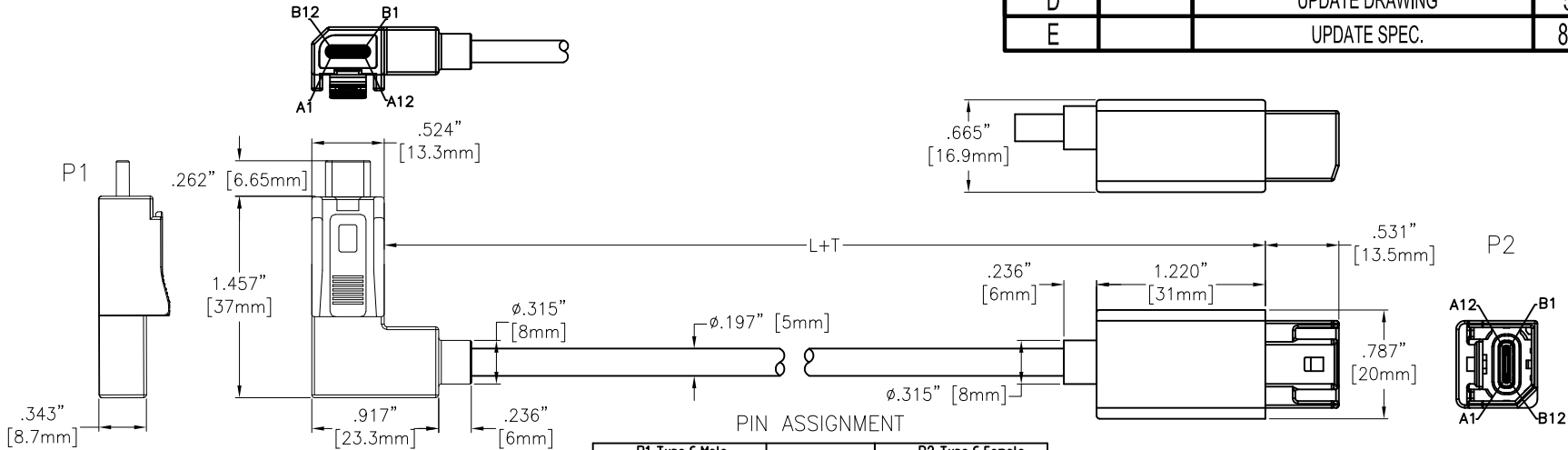


APPROVED: _____

DATE: _____ TITLE: _____

CUSTOM CABLE ASSEMBLIES ARE
NON-CANCELLABLE/NON-RETURNABLE

Rev	AWO #	Description	Date	Aprr
-		RELEASED	3/7/24	
A		UPDATE DRAWING	3/13/24	LH/KC
B		UPDATE DRAWING	3/15/24	LH/KC
C		ADDED SPEC.	3/19/24	LH/KC
D		UPDATE DRAWING	5/7/24	LH/KC
E		UPDATE SPEC.	8/22/24	LH/RC



PIN ASSIGNMENT

P1 Type C Male		WIRE	P2 Type C Female	
Signal Name	Pin		Pin	Signal Name
GND	A1/B1/A12/B12	Black	A1/B1/A12/B12	GND
VBUS	A4/B4/A9/B9	Red	A4/B4/A9/B9	VBUS
CC	A5	Blue	A5	CC
Vconn	B5	Yellow	B5	Vconn
DP1	A6	Green	A6	DP1
DN1	A7	White	A7	DN1
SSTXp1	A2	High speed pair 1	B11	SSRXp1
SSTXn1	A3		B10	SSRXn1
SSRXp1	B11	High speed pair 2	A2	SSTXp1
SSRXn1	B10		A3	SSTXn1
SSTXp2	B2	High speed pair 3	A11	SSRXp2
SSTXn2	B3		A10	SSRXn2
SSRXp2	A11	High speed pair 4	B2	SSTXp2
SSRXn2	A10		B3	SSTXn2
SBU1	A8	Purple	B8	SBU2
SBU2	B8	Orange	A8	SBU1
SHELL		Braid	SHELL	

SPECIFICATIONS:

Connectors:

P1= USB3.1 Connector Type-C Plug, Right Angle, W/Shell, Pin: Gold plated, W/Latching, rated UL 94V-0

Insulator Color: Black, Outer molded Color: Block, PVC

Mating with USB-C40-S-RA-CS5A-X-EH-BK

P2= USB3.1 Connector Type-C Female, Straight, W/Shell, Pin: Gold plated, W/Latching, rated UL 94V-0

Insulator Color: Black, Outer molded Color: Block, PVC

Cable:

UL20276 (32AWG*1P+AL+MY)*4+32AWG*1P+32AWG*4C+24AWG+2C+A+B VW-1

O.D.: .197" [5mm], Jacket Color: Black. PVC

Electrical:

Voltage rating: 20V

Current rating: 5A

Contact resistance: 2 ohms max

Insulation resistance: 10 Mohms min, 300V DC

Mechanical:

Cable retention force: 100g downward vertical at 60CM; 40N for 1 minute

Electrical Test:

All assemblies must be 100% tested for shorts, open continuity and physical appearance.

Environmental:

Lead free, RoHS compliant.



ADAM TECH P/N	L+T	
CA-USB31-CMRLX-CFLX-1M	39.370"±1.181"	[1000±30mm]
CA-USB31-CMRLX-CFLX-2M	78.740"±1.575"	[2000±40mm]
CA-USB31-CMRLX-CFLX-3M	118.110"±1.969"	[3000±50mm]
CA-USB31-CMRLX-CFLX-XM	Contact factory for custom lengths	

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED			
	INCHES	HOLES	
.X	±.10	Ø.X	±.10
.XX	±.020	Ø.XX	±.015
.XXX	±.015	Ø.XXX	±.010

DRAWN	WX	3/4/24
CHECKED	KC	3/4/24
APPROVED		

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN PERMISSION FROM ADAM TECH



909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

TITLE (HSecurLinC) CABLE, USB3.1 CONNECTOR TYPE-C PLUG R/A TO USB3.1 CONNECTOR TYPE-C FEMALE STR, W/LATCHING TRANSMISSION EFFICIENCY: 5G		
SIZE	PART NO.	REV.
X	CA-USB31-CMRLX-CFLX-XM	E
REF:	S00197C	SCALE: NTS SHEET 1 OF 3

APPROVED: _____

DATE: _____ TITLE: _____

CUSTOM CABLE ASSEMBLIES ARE
NON-CANCELLABLE/NON-RETURNABLE

CA-USB31-CMRLX-CFLX-XM
(Code see chat)

CODE	PLUG	CASE COLOR
A		JET BLACK
C		NUT BROWN
E		SIGNAL BLUE
G		BLUE GRAY
J		BEIGE

CODE	PLUG	CASE COLOR
B		CLARET VIOLET
D		LEAF GREEN
F		CREAM WHITE
H		YELLOW GREEN
K		CURRY

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS
ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED

INCHES	HOLES
X ± .10	ØX ± .10
.XX ± .020	ØXX ± .015
.XXX ± .015	ØXXX ± .010

**ADAM
TECH**

909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

DRAWN	WX	3/4/24
CHECKED	KC	3/4/24
APPROVED		

TITLE (HSecurlInC) CABLE, USB3.1 CONNECTOR TYPE-C PLUG R/A
TO USB3.1 CONNECTOR TYPE-C FEMALE STR, W/LATCHING
TRANSMISSION EFFICIENCY: 5G

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY
AND SHOULD NOT BE USED WITHOUT PRIOR WRITTEN
PERMISSION FROM ADAM TECH

SIZE X	PART NO. CA-USB31-CMRLX-CFLX-XM	REV. E
REF: S00197C	SCALE: NTS	SHEET 2 OF 3

APPROVED: _____

DATE: _____ TITLE: _____

CUSTOM CABLE ASSEMBLIES ARE
NON-CANCELLABLE/NON-RETURNABLE

CA-USB31-CMRLX-CFLX-XM
(Code see chat)

CODE	RECEPTACLE	CASE COLOR
A		JET BLACK
C		NUT BROWN
E		SIGNAL BLUE
G		BLUE GRAY
J		BEIGE

CODE	RECEPTACLE	CASE COLOR
B		CLARET VIOLET
D		LEAF GREEN
F		CREAM WHITE
H		YELLOW GREEN
K		CURRY

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES [MM]. TOLERANCES: EXCEPT AS NOTED

INCHES	HOLES
.X ± .10	Ø.X ± .10
.XX ± .020	Ø.XX ± .015
.XXX ± .015	Ø.XXX ± .010

ADAM TECH

909 Rahway Avenue,
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DRAWN	WX	3/4/24
CHECKED	KC	3/4/24
APPROVED		

TITLE (HSecurLinC) CABLE, USB3.1 CONNECTOR TYPE-C PLUG R/A TO USB3.1 CONNECTOR TYPE-C FEMALE STR, W/LATCHING TRANSMISSION EFFICIENCY: 5G

SIZE	PART NO.	REV.
X	CA-USB31-CMRLX-CFLX-XM	E

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REF:	S00197C	SCALE:	NTS	SHEET	3 OF 3
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