



Part no.
CBLA31-C A 1M0 Y 3 - FG
 1 2 3 4 5 6 7

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|----------------------------------------------|----------------------------------------------|
| 1. SERIES NO.
CBLA31=USB C TYPE CABLE 3.1 | 5. USB SPECIFICATION
Y=GEN1/GEN2 5/10gbps |
| 2. CONNECTOR 1
C=USB C PLUG | 6. CABLE COLOR
3=BLACK |
| 3. CONNECTOR 2
A=USB 3.1 | 7. GREEN OPTION
FG=RoHS Compliant |
| 4. CABLE LENGTH
1M0=1000mm | |

- Note:
- Cable Assembly Must Be RoHS Compliant.
 - Cable Must Be Open, Short, Miswire 100% Tested.
 - USB Cable Electric Test:
 - A. Voltage: 300V DC
 - B. Contact Resistance: 5 Ohm Max.
 - C. Insulation Resistance: 2M ohm Min.

P1		WIRING DIAGRAM				P2	
USB C PLUG		WIRE				USB 3.1 AM	
PIN	SIGNAL NAME	WIRE NUMBER	SIGNAL NAME	WIRE COLOR & AWG	PIN	SIGNAL NAME	
A1,B1, A12, B12	GND	1,7,10	GND_PWR+ SDP1_DRAIN, SDP2_DRAIN	BLACK SDP1+SDP2 DRAIN	4	GND	
A4, B4, A9, B9	VBUS	2	PWR_VBUS1	RED,	1	VBUS	
A5	CC	V/RESISTOR					
B5	VCONN	N/A					
A6	Dp1	3	UTP_Dp	GREEN	3	D+	
A7	Dn1	4	UTP_Dn	WHITE	2	D-	
A2	SSTXp1	5	SDPp1	YELLOW	6	StdA_SSRX+	
A3	SSTXn1	6	SDPn1	BLUE	5	StdA_SSRX-	
B11	SSRXp1	8	SDPp2	DRANGE	9	StdA_SSTX+	
B10	SSRXn1	9	SDPn2	PURPLE	8	StdA_SSTX-	
SHELL	SHIELD	BRIAD	SHIELD	BRIAD	SHELL	SHIELD	

NO.	TITLE	DESCRIPTION
8	Over Mold	PVC COLOR BLACK
7	InnerMold	PE
6	FOIL	COPPER FOIL
5	TIN	TIN STICK, TIN WIRE
4	PCBA	PCBA, W/Resistor Rp 56K ohm (Capacitor 10nF)
3	CONN P2	USB3.1 A MALE, BLUE INSULATOR, CONTACT PLATING Au 30u" SHELL PLATED NICKEL
2	CONN P1	USB C PLUG, BLACK INSULATOR, CONTACT PLATING Pd-Ni 30u"+Gold 2u" SHELL PLATED NICKEL (W/TIN PLATE)
1	CABLE	USB3.1 UL20276 28/28/24 ADB DD:4.5±0.3mm, BLACK PVC JACKET

UNLESS OTHERWISE SPECIFIED TOLERANCE			
ANG.	± 5°		
0.	± 0.5		
.00	± 0.2		
SCALE:	AS SHOWN	UNIT:	mm
DRAWN	JAG	DATE	1/30/18
CHECKED			
APPROVED			
DRAWN NAME:		CBLA31 Series	
PRODUCT NO.		CBLA31-CAIM0Y3-FG	
FILE NAME:		CBLA31-CAIM0Y3-FG.dwg	

REV.	DESCRIPTION	DATE	SIZE	AA	REV.	A	FILE NAME:
1							CBLA31-CAIM0Y3-FG.dwg