

# USB Cable

## 3.1 Type C to Type C

**multicomp** PRO

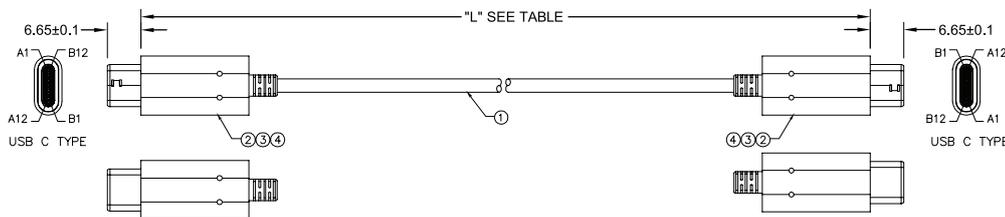


### Specifications

Connector A	: USB Type C Plug
Connector B	: USB Type C Plug
USB Standard	: USB 3.1
Conductive Resistance	: 1Ω Max.
Current	: 3A
Voltage	: 5V
Jacket Colour	: Black

**RoHS**  
**Compliant**

### Diagram



No.	Name	Material Description	Qty.	Unit
1.	Cable	(1/0.28S×1P+D+AL+HM)×4C+(1/0.254T×1P+2D+AL+HM)×1C+1/0.20T×4C+1/0.40T×1C+F+AB OD:4.8mm	A/R	mm
2.	Connector	USB C Type Plug Terminal 30μ, Black, Stamping Shell	2	Set
3.	Inner Molded	LDPE	A/R	KG
4.	Outer Molded	70P PVC Black	A/R	KG

### Note:

Hi-Pot : 100V DC/0.01Sec. 5MΩ

Open/Short/Intermittence 100% test.

A 10nF bypass capacitor (min. voltage rating of 30V) is required for the VBUS pin in the full-featured cable at each end of the cable.

### PIN ASSIGNMENT:

USB C TYPE	GND_PWR:rt1[rt2]	USB C TYPE SIGNAL	GND	W. D*2
A1,B1,A12,B12	C	A1,B1,A12,B12	GND	RED*2
A4,A9	PWR_VBUS1	A4,A9	VBUS	RED*2
B4,B9	PWR_VBUS2	B4,B9	VBUS	GRAY
A5	CC	A5	CC	GRAY
B5	UTP_Dp(USB D+)	B5	VCONN	
A6	UTP_Dn(USB D-)	A6	Dp1	GREEN
A7	SDPp1	A7	Dn1	WHITE
A2	SDPn1	B11	SSRxp1	ORANGE
A3	SDPp2	B10	SSRxn1	PURPLE
B11	SDPn2	A2	SSTxp1	YELLOW
B10	SDPp3	A3	SSTxn1	BLUE
B2	SDPn3	A11	SSRxp2	RED
B3	SDPp4	A10	SSRxn2	WHITE
A11	SDPn4	B2	SSTxp2	GREEN
A10	SBU_A	B3	SSTxn2	BROWN
A8	SBU_B	B8	SBU2	YELLOW
B8	BRAID	A8	SBU1	BLUE
SHELL		SHELL	SHIELD	BRAID

### Part Number Table

Description	"L"	Part Number
USB Cable, 3.1 Type C to Type C, Black	0.15m	MC000996
	0.5m	MC000997
	1m	MC000998

Dimensions : Millimetres

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