

# USB Cable

## 3.1 Type C to Type C

**multicomp** PRO

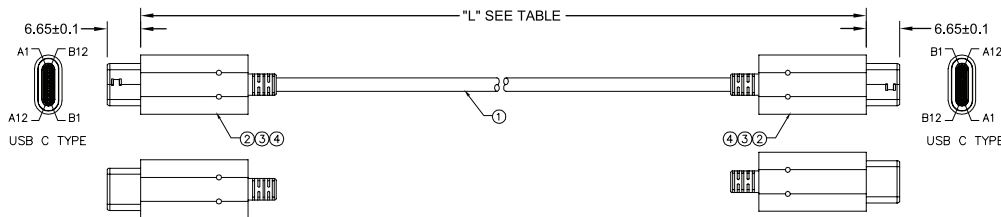


### Specifications

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	PWR_VBUS1	A1,B1,A12,B12	GND
A4,A9	P	PWR_VBUS2	A4,A9	VBUS
B4,B9	C	CC	B4,B9	VBUS
A5			A5	CC
B5		UTP_Dp(USB D+)	B5	VCONN
A6		UTP_Dm(USB D-)	A6	Dp1
A7		SDPp1	A7	Dn1
A2		SDPn1	B11	SSRxp1
A3		SDPp2	B10	SSRxn1
B11		SDPn2	A2	SSTxp1
B10		SDPp3	A3	SSTxn1
B2		SDPn3	A11	SSRxp2
B3		SDPp4	A10	SSRxn2
A11		SDPn4	B2	SSTxp2
A10		SBU_A	B3	SSTxn2
A8		SBU_B	B8	SBU2
B8		BRAID	A8	SBU1
SHELL			SHELL	SHIELD

### 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

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro  
Farnell.com/multicomp-pro  
sg.element14.com/b/multicomp-pro

**multicomp** PRO