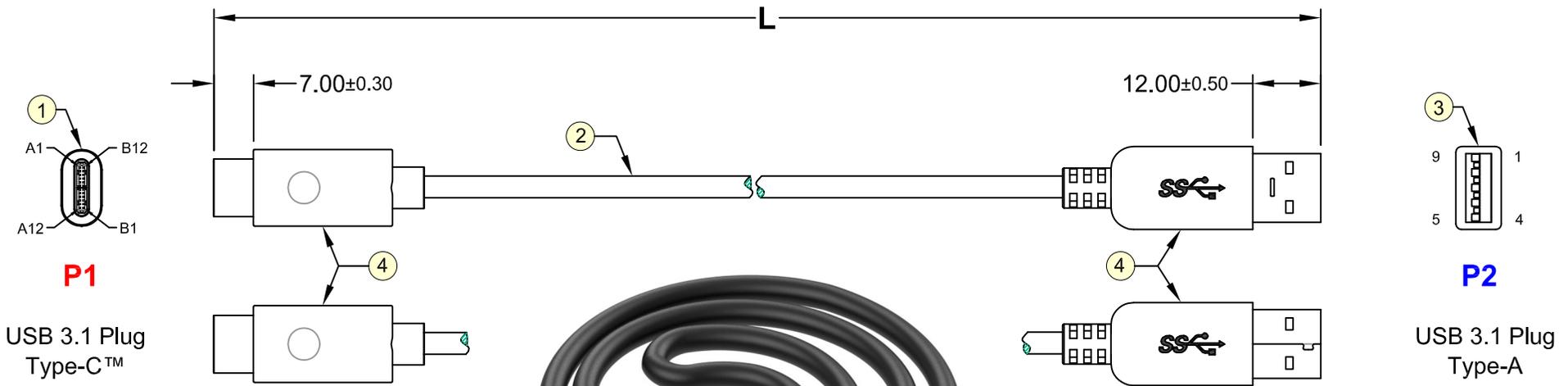


REV.	DESCRIPTION	DATE	DRAWN
A	New	08.09.2015	Ronny
B	general update	17.07.2019	Ronny



P1
USB 3.1 Plug
Type-C™

P2
USB 3.1 Plug
Type-A

Order Code
USC-xxxx-31CM31AMBU-00/B

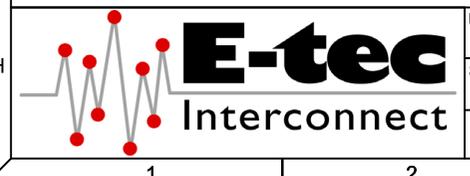
Wiring schematics		
	P1	P2
A4, B4, A9, B9		1 red
A7		2 white
A6		3 green
A1, B1, A12, B12		4 black
A3		5 blue
A2		6 yellow
A1, B1, A12, B12		7 brown
B10		8 purple
B11		9 orange
Shell		Shell

No.	Titel	Description
1	Plug	USB 3.1 Type-C™ / Male Insulator black
2	Cable	USB 3.1 UL20276
3	Plug	USB 3.1 Type-A / Male Insulator blue
4	Overmold	50P PVC black

Length Code	"L" (mm)
100	100.00
300	300.00
500	500.00
600	600.00
1000	1000.00
1200	1200.00
2000	2000.00
other on request	



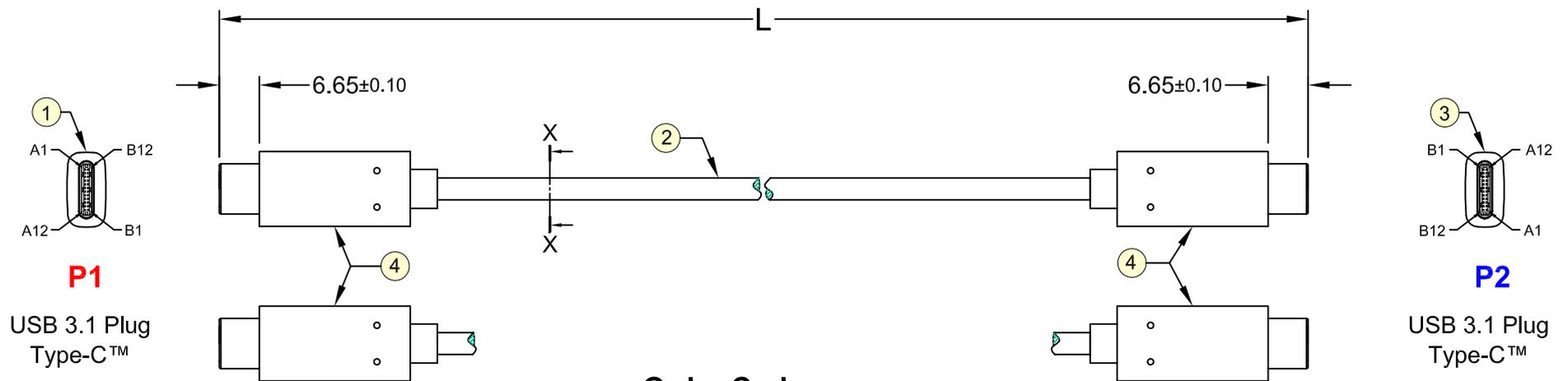
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UNIT	mm	CABLE LENGTH TOLERANCE	DRAWN	DATE	DWG. NO.	SHEET 1/1
SCALE	Free	0 ~ 200mm -> ±20mm	Ronny	08.09.2019	USC-31CM31AMBU-00/B	REV. B
		201 ~ 1000mm -> ±25mm	CHECK	DATE	SERIES NO.	
		1001 ~ 1500mm -> ±30mm	Ronny	17.07.2019	USC-xxxx-31CM31AMBU-00/B	
		1501 ~ 2100mm -> ±40mm	APPROVE	DATE		
		2100mm † -> ±50mm	Fagi	17.07.2019		

USB Cable Assembly
USB 3.1 Plug Type-C™
to
USB 3.1 Plug Type-A

REV.	DESCRIPTION	DATE	DRAWN
A	New	08.09.2015	Ronny
B	general update	17.07.2019	Ronny



Order Code
USC-xxxx-31CM31CM-00/B



Length Code	"L" (mm)
100	100.00
300	300.00
500	500.00
600	600.00
1000	1000.00
1200	1200.00
2000	2000.00
other on request	

Colour	P1 USB Type-C		P2 USB Type-C	
	Signal Name	P1	Signal Name	P2
Black (24AWG)	GND	A1, B1, A12, B12	GND	A1, B1, A12, B12
Red (22AWG)	VBUS	A4, B4, A9, B9	VBUS	A4, B4, A9, B9
Yellow (32AWG)	CC	A5	CC	A5
Green (32AWG)	Vconn	B5	Vconn	B5
Green (32AWG)	Dp1	A6	Dp1	A6
White (32AWG)	Dn1	A7	Dn1	A7
Blue (30AWG)	SSTXp1	B11	SSTXp1	B11
White (30AWG)	SSTXn1	B10	SSTXn1	B10
Red (30AWG)	SSRXp1	A2	SSRXp1	A2
White (30AWG)	SSTXn1	A3	SSTXn1	A3
Green (30AWG)	SSTXp2	A11	SSTXp2	A11
White (30AWG)	SSTXn2	A10	SSTXn2	A10
Brown (30AWG)	SSRXp2	B2	SSRXp2	B2
White (30AWG)	SSRXn2	B3	SSRXn2	B3
Blue (32AWG)	SBU1	B8	SBU1	B8
Violet (32AWG)	SBU2	A8	SBU2	A8
Braid	Shield	Shell	Shield	Shell

No.	Titel	Description
1	Plug	USB 3.1C / M black plastic
2	Cable	30AWG*4P(P4); 32AWG*1P(P4); 24AWG1C(D); 22AWG*1C(C); 32AWG*4C(E1-E4) outside ϕ : 4.65mm PVC black
3	Plug	USB 3.1C / M black plastic
4	Overmold	PVC black

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UNIT	mm	CABLE LENGTH TOLERANCE	DRAWN	Ronny	DATE	08.09.2019
SCALE	Free	0 ~ 200mm -> ± 20 mm	CHECK	Ronny	DATE	18.07.2019
		201 ~ 1000mm -> ± 25 mm	APPROVE	Fagi	DATE	18.07.2019
		1001 ~ 1500mm -> ± 30 mm				
		1501 ~ 2100mm -> ± 40 mm				
		2100mm \uparrow -> ± 50 mm				

DWG. NO.	USC-31CM31CM-00/B	SHEET 1/1
SERIES NO.	USC-xxxx-31CM31CM-00/B	REV. B

USB Cable Assembly
 USB 3.1 Plug Type-C™
 to
 USB 3.1 Plug Type-C™