

FLEXIBLE CONTROL CABLES

also available with blue, red and orange conductors and black or orange jacket

CC 600 T Oil resistant 105°C flexible control cable, AWG 20 - AWG 10



Marking for CC 600 T 02581840: SAB BRÖCKSKES · D-VIERSEN · 40 x 1,0 mm² CC 600 T 18 AWG/40c 02581840 AWM Style 2586 105°C 600V CSA AWM I/II A/B 105°C 600V FT1 FT2 CE

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CC 600 T is a multi-conductor, 600 V, 105°C, UL recognized and CSA approved, flexible control cable. The reduced outer diameter permits easy handling and installation in confined areas. CC 600 T control cables are designed for use in all electrical equipment in dry, damp and wet conditions. Recommended applications are machine tools, control systems, assembly lines, CNC machining centers, grinding machines, bottling equipment, data processing equipment and connections between control panels and machines.

Construction:

Conductor:	bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 5
Insulation:	special heat resistant PVC
Color code:	black conductors with consecutive numbers acc. to EN 50334; green-yellow earth wire from 3 conductors
Stranding:	in layers
Jacket material:	special heat resistant PVC
Jacket color:	gray

Outstanding features:

- ▶ **UL recognized and CSA approved**
- ▶ **Temperature range up to + 105°C**

Technical data:

Nominal voltage:	DIN VDE U ₀ /U 300/500 V	UL/CSA 600 V
Testing voltage U:	3000 V acc. to DIN VDE 0281 part 2 + HD 21.2	
Min. bending radius <i>fixed installation:</i>	< 12 mm = 3 x O.D. > 12 mm = 4 x O.D.	
<i>free movement:</i>	< 12 mm = 5 x O.D. > 12 mm = 6 x O.D.	
Radiation resistance:	8 x 10 ⁷ cJ/kg	
Temperature range <i>static:</i> <i>flexing:</i> <i>short-time use:</i>	DIN VDE -40/+90 °C +5/+90 °C +105 °C	UL/CSA: up to +105°C
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2, UL VW-1, CSA FT1 and FT2	
Oil resistance:	acc. to internal standard, see page N/27	
Absence of harmful substances:	acc. to RoHS directive of the European Union see page N/28	

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈ lbs/mft	item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈ lbs/mft	item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈ lbs/mft
▶ 20 AWG (≈ 16/32) • 0.50 mm²					▶ 18 AWG (≈ 30/32) • 1.00 mm²					▶ 16 AWG (≈ 27-29/30) • 1.50 mm²				
02582002	2	0.205	5.2	26	02581802	2	0.236	6.0	37	02581625	25	0.732	18.6	389
02582003	3	0.220	5.6	31	02581803	3	0.252	6.4	45	02581630	30	0.760	19.3	453
02582004	4	0.236	6.0	37	02581804	4	0.272	6.9	52	02581634	34	0.827	21.0	519
02582005	5	0.264	6.7	47	02581805	5	0.307	7.8	70	02581640	40	0.902	22.9	620
02582007	7	0.287	7.3	58	02581807	7	0.339	8.6	88	02581661	61	1.051	26.7	891
02582008	8	0.339	8.6	69	02581808	8	0.394	10.0	103	▶ 14 AWG (≈ 46/30) • 2.50 mm²				
02582009	9	0.362	9.2	78	02581809	9	0.417	10.6	111	02581402	2	0.319	8.1	72
02582010	10	0.370	9.4	83	02581810	10	0.433	11.0	125	02581403	3	0.339	8.7	91
02582012	12	0.382	9.7	94	02581812	12	0.449	11.4	144	02581404	4	0.366	9.3	106
02582014	14	0.402	10.2	107	02581814	14	0.476	12.1	165	02581405	5	0.417	10.6	141
02582016	16	0.429	10.9	123	02581818	18	0.535	13.6	212	02581407	7	0.457	11.7	180
02582018	18	0.453	11.5	138	02581825	25	0.657	16.7	286	02581408	8	0.543	13.8	214
02582025	25	0.547	13.9	185	02581830	30	0.673	17.1	333	02581409	9	0.579	14.7	231
02582030	30	0.567	14.4	214	02581834	34	0.732	18.6	383	02581410	10	0.598	15.2	260
02582034	34	0.618	15.7	247	02581840	40	0.787	20.0	450	02581412	12	0.618	15.8	301
02582040	40	0.665	16.9	289	02581861	61	0.933	23.7	654	02581418	18	0.736	18.8	444
02582061	61	0.780	19.8	413	▶ 16 AWG (≈ 27-29/30) • 1.50 mm²					02581425	25	0.909	23.1	612
▶ 19 AWG (≈ 23/32) • 0.75 mm²					02581602	2	0.260	6.6	46	▶ 12 AWG (≈ 52/28) • 4.00 mm²				
02581903	3	0.244	6.2	40	02581603	3	0.280	7.1	58	02581203	3	0.402	10.8	143
02581904	4	0.260	6.6	45	02581604	4	0.303	7.7	69	02581204	4	0.437	11.1	157
02581905	5	0.291	7.4	59	02581605	5	0.343	8.7	91	02581205	5	0.496	13.2	222
02581907	7	0.323	8.2	75	02581607	7	0.378	9.6	116	02581207	7	0.547	15.5	294
02581908	8	0.378	9.6	97	02581608	8	0.433	11.0	136	▶ 10 AWG (≈ 78/28) • 6.00 mm²				
02581909	9	0.402	10.2	96	02581609	9	0.472	12.0	148	02581003	3	0.476	12.1	193
02581910	10	0.417	10.6	108	02581610	10	0.488	12.4	166	02581004	4	0.520	13.3	241
02581912	12	0.429	10.9	123	02581612	12	0.508	12.9	193	02581005	5	0.587	14.9	303
02581914	14	0.453	11.5	140	02581614	14	0.535	13.6	220	Continued on next page.				
02581916	16	0.480	12.2	160	02581616	16	0.567	14.4	251					
02581918	18	0.512	13.0	180	02581618	18	0.602	15.3	282					
02581925	25	0.618	15.7	242										
02581930	30	0.638	16.2	279										
02581934	34	0.701	17.8	324										
02581940	40	0.752	19.1	379										
02581961	61	0.898	22.8	555										

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Web site: www.sabcable.com

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FLEXIBLE CONTROL CABLES



CC 600 T Oil resistant 105°C flexible control cable, AWG 8 - AWG 2

Style 2586 105°C 600V CSA AWM I/II A/B 105°C 600V FT1 FT2 CE



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Marking for CC 600 T 02580805: SAB BRÖCKSKES · D-VIERSEN ·
CC 600 T 8 AWG/5c AWM Style 2586 105°C 600V CSA AWM I/II A/B 105°C 600V FT1 FT2 CE

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Jacket color:	gray

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- **UL recognized and CSA approved**
- **Temperature range up to + 105°C**

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Oil resistance:	acc. to internal standard, see page N/27	
Absence of harmful substances:	acc. to RoHS directive of the European Union see page N/28	

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈ lbs/mft
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▶ 8 AWG (≈ 77/26) • 10.00 mm²				
02580804	4	0.701	17.8	423
02580805	5	0.780	19.8	528
▶ 6 AWG (≈ 119/26) • 16.00 mm²				
02580604	4	0.850	22.8	671
▶ 4 AWG (≈ 196/26) • 25.00 mm²				
02580404	4	1.051	27.5	1018
▶ 2 AWG (≈ 280/26) • 35.00 mm²				
02580204	4	1.197	30.9	1368

Other dimensions and colors are possible on request.

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Web site: www.sabcable.com