

# FLEXIBLE CONTROL CABLES

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

## CC 600 P blue Oil resistant, tear resistant, flexible PUR control cable with blue conductors



Marking for CC 600 P blue 02631805: S BRÖCKSKES · D-VIERSEN ·  
02630510 5 x 1,0 mm<sup>2</sup> CC 600 P blue 18 AWG/5c 02631805 U AWM Style 21060 80°C 600V CSA AWM I/II A/B 80°C 600V FT1 FT2 C

CC 600 P blue is a multi-conductor, 600 V, 80°C oil resistant control cable. The specially blended polyurethane jacket provides an excellent chemical and abrasion resistance as well as being tear resistant and halogen free with low flame propagation. For use in harsh environments.

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### Construction:

<b>Conductor:</b>	bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 5
<b>Insulation:</b>	PVC, T12 acc. to DIN VDE 0281 part 1 + HD 21.1
<b>Color code:</b>	blue conductors with consecutive numbers acc. to EN 50334; green-yellow earth wire from 3 conductors
<b>Stranding:</b>	in layers, 2 conductors and > 8 conductors wrapping with non-woven tape over the outer layer
<b>Inner jacket:</b>	above 12 AWG: PVC TM2 acc. to DIN VDE 0281 part 1 + HD 21.1
<b>Jacket material:</b>	PU acc. to UL 758
<b>Jacket color:</b>	gray

### Outstanding features:

- oil resistant
- abrasion resistant
- notch resistant
- good chemical resistance

### Technical data:

<b>Nominal voltage:</b>	<b>DIN VDE</b> Uo/U 300/500 V	<b>UL/CSA</b> 600 V
<b>Testing voltage U:</b>	3000 V acc. to DIN VDE 0281 part 2 + HD 21.2	
<b>Min. bending radius</b>		
<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.	
<b>Radiation resistance:</b>	5 x 10 <sup>7</sup> cJ/kg	
<b>Temperature range</b>	<b>DIN VDE</b> -40/+70 °C	<b>UL/CSA:</b> up to +80 °C
<i>static:</i>		
<i>flexing:</i>	+5/+70 °C	
<b>Burning characteristics:</b>	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2, UL VW-1, CSA FT1 and FT2	
<b>Oil resistance:</b>	very good - oil rating 60°C acc. to UL 1581	
<b>Chem. resistance:</b>	good against acids, alkalines, solvents, hydraulic liquids etc.	
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page N/28	

item no.	no. of conductors incl. ground	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈ lbs/mft	item no.	no. of conductors incl. ground	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈ lbs/mft	item no.	no. of conductors incl. ground	nominal outer-ø inch	nominal outer-ø mm	cable weight ≈ lbs/mft
<b>• 20 AWG (≈ 16/32) • 0.50 mm<sup>2</sup></b>					<b>• 18 AWG (≈ 30/32) • 1.00 mm<sup>2</sup></b>					<b>• 14 AWG (≈ 46/30) • 2.50 mm<sup>2</sup></b>				
02632002	2	0.244	6.2	32	02631802	2	0.272	6.9	43	02631402	2	0.343	8.7	75
02632003	3	0.252	6.4	38	02631803	3	0.280	7.1	51	02631403	3	0.358	9.1	94
02632004	4	0.268	6.8	44	02631804	4	0.303	7.7	61	02631404	4	0.386	9.8	114
02632005	5	0.291	7.4	53	02631805	5	0.327	8.3	74	02631405	5	0.421	10.7	140
02632007	7	0.311	7.9	65	02631807	7	0.378	9.6	99	02631407	7	0.496	12.6	194
02632009	9	0.374	9.5	81	02631809	9	0.429	10.9	116	02631409	9	0.587	14.9	235
02632012	12	0.398	10.1	97	02631812	12	0.453	11.5	139	02631412	12	0.602	15.3	277
02632018	18	0.457	11.6	136	02631818	18	0.528	13.4	200	02631418	18	0.717	18.2	412
02632025	25	0.539	13.7	178	02631825	25	0.630	16.0	267	02631425	25	0.913	23.2	595
02632030	30	0.555	14.1	206	02631830	30	0.657	16.7	312	<b>• 12 AWG (≈ 52/28) • 4.00 mm<sup>2</sup></b>				
02632034	34	0.598	15.2	233	02631834	34	0.709	18.0	355	02631203	3	0.469	11.9	157
02632042	42	0.654	16.6	290	02631842	42	0.756	19.2	431	02631204	4	0.512	13.0	194
02632050	50	0.709	18.0	331	02631850	50	0.886	22.5	542	02631205	5	0.547	13.9	230
					<b>• 16 AWG (≈ 27-29/30) • 1.50 mm<sup>2</sup></b>					<b>• 10 AWG (≈ 78/28) • 6.00 mm<sup>2</sup></b>				
					02631602	2	0.295	7.5	53	02631004	4	0.579	14.7	264
					02631603	3	0.307	7.8	65	02631005	5	0.634	16.1	324
					02631604	4	0.331	8.4	78	<b>• 8 AWG (≈ 77/26) • 10.00 mm<sup>2</sup></b>				
					02631605	5	0.358	9.1	94	02630804	4	0.728	18.5	433
					02631607	7	0.417	10.6	128	Other dimensions and colors are possible on request.				
					02631609	9	0.480	12.2	151					
					02631612	12	0.504	12.8	182					
					02631618	18	0.587	14.9	263					
					02631625	25	0.709	18.0	360					
					02631630	30	0.732	18.6	420					
					02631634	34	0.791	20.1	528					
					02631642	42	0.902	22.9	629					
					02631650	50	0.984	25.0	726					

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