

# Flexible Control Cables

## CC 600 P

Oil resistant, tear resistant, flexible polyurethane control cable with black conductors



21060 80°C 600V CSA AWM III A/B 80°C 600V FT1 FT2 CE



Marking for CC 600 P 02611604:

SAB BRÖCKSKES · D-VIERSEN · 02610415 4x1.5mm<sup>2</sup> CC 600 P 16 AWG/4c 02611604

AWM Style 21060 80°C 600V CSA AWM III A/B 80°C 600V FT1 FT2 CE

### Construction:

<b>Conductor:</b>	bare copper strands acc. to IEC 60228, VDE 0295, class 5
<b>Insulation:</b>	PVC, Tl2 acc. to EN 50363-3 + VDE 0207-363-3
<b>Color code:</b>	black conductors with consecutive numbers acc. to EN 50334 + VDE 0293-334, green/yellow ground from 3 conductors
<b>Stranding:</b>	in layers
<b>Inner jacket:</b>	from 12 AWG: PVC, TM2 acc. to EN 50363-3 + VDE 0207-363-3
<b>Jacket material:</b>	PU acc. to UL 758
<b>Jacket color:</b>	gray (RAL 7000)

### Technical data:

<b>Nominal voltage:</b>	Uo/U 300/500 V	
<b>Voltage UL/CSA:</b>	600 V	
<b>Testing voltage:</b>	conductor/conductor: 2000 V	
<b>Min. bending radius:</b>		
<i>fixed installation:</i>	4 x O.D.	
<i>free movement:</i>	6 x O.D.	
<b>Radiation resistance:</b>	5 x 10 <sup>7</sup> cJ/kg	
<b>Temperature range:</b>	<b>DIN VDE</b>	<b>UL/CSA:</b> up to +80°C
<i>static:</i>	-40/+70°C	
<i>flexible:</i>	+5/+70°C	
<b>Burning characteristics:</b>	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2, UL VW-1, CSA FT1, FT2	
<b>Oil resistance:</b>	very good - oil rating 60° C acc to UL 1581	
<b>Chemical resistance:</b>	good against acids, alkalines, solvents, hydraulic liquids etc.	
<b>Approvals:</b>	UL AWM, CSA AWM, CE, EAC, RoHS	
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page O/30	

### Outstanding features:



- UL recognized, CSA approved
- oil resistant
- abrasion resistant
- notch resistant
- good chemical resistance

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈lbs/mft
<b>▶ 20 AWG (≈ 16/32) ▪ 0.50 mm<sup>2</sup></b>				
02612002	2	0.244	6.2	32
02612003	3	0.252	6.4	38
02612004	4	0.268	6.8	44
02612005	5	0.291	7.4	53
02612007	7	0.311	7.9	65
02612012	12	0.398	10.1	97
02612018	18	0.457	11.6	136
02612025	25	0.539	13.7	178
02612034	34	0.598	15.2	233
02612050	50	0.709	18.0	331
<b>▶ 18 AWG (≈ 30/32) ▪ 1.00 mm<sup>2</sup></b>				
02611802	2	0.272	6.9	43
02611803	3	0.280	7.1	51
02611804	4	0.303	7.7	61
02611805	5	0.327	8.3	74
02611807	7	0.378	9.6	99
02611812	12	0.453	11.5	139
02611818	18	0.528	13.4	200
02611825	25	0.630	16.0	267
02611830	30	0.657	16.7	312
02611834	34	0.709	18.0	355
02611842	42	0.756	19.2	431
02611850	50	0.886	22.5	542

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈lbs/mft
<b>▶ 16 AWG (≈ 27-29/30) ▪ 1.50 mm<sup>2</sup></b>				
02611602	2	0.295	7.5	53
02611603	3	0.307	7.8	65
02611604	4	0.331	8.4	78
02611605	5	0.358	9.1	94
02611607	7	0.417	10.6	128
02611612	12	0.504	12.8	182
02611618	18	0.587	14.9	263
02611625	25	0.709	18.0	360
02611630	30	0.732	18.6	420
02611634	34	0.791	20.1	528
02611642	42	0.902	22.9	629
02611650	50	0.984	25.0	726
<b>▶ 14 AWG (≈ 46/30) ▪ 2.50 mm<sup>2</sup></b>				
02611402	2	0.343	8.7	75
02611403	3	0.358	9.1	94
02611404	4	0.386	9.8	114
02611405	5	0.421	10.7	140
02611407	7	0.496	12.6	194
02611412	12	0.602	15.3	277
02611418	18	0.717	18.2	412
02611425	25	0.913	23.2	595

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈lbs/mft
<b>▶ 12 AWG (≈ 52/28) ▪ 4.00 mm<sup>2</sup></b>				
02611203	3	0.469	11.9	157
02611204	4	0.512	13.0	194
02611205	5	0.547	13.9	230
<b>▶ 10 AWG (≈ 78/28) ▪ 6.00 mm<sup>2</sup></b>				
02611004	4	0.579	14.7	264
02611005	5	0.634	16.1	324
<b>▶ 8 AWG (≈ 69/26)</b>				
02610804	4	0.728	18.5	433

Other dimensions and colors are available on request



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

