

FLEXIBLE CONTROL CABLES

also available with orange jacket

CC 500 P Oil resistant, tear resistant, flexible PUR control cable



Marking for CC 500 P 02600510:
SAB BRÖCKSKES · D-VIERSEN · SAB 260 P CC 500 P 5 x 1,0 mm² CE

CC 500 P is a multi-conductor, flexible oil resistant control cable. The special polyurethane jacket provides an excellent chemical and abrasion resistance as well as being tear resistant. For use in harsh environments.

Construction:	
Conductor:	bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 5
Insulation:	PVC, T12 acc. to DIN VDE 0281 part 1 + HD 21.1
Color code:	black conductors with consecutive numbers acc. to EN 50334; green-yellow earth wire from 3 conductors
Stranding:	in layers
Inner jacket:	above 12 AWG: PVC TM2 acc. to DIN VDE 0281 part 1 + HD 21.1
Jacket material:	PUR, TMPU acc. to DIN VDE 0282 part 10 + HD 21.10 with rough surface
Jacket color:	gray

Technical data:	
Nominal voltage:	U ₀ /U 300/500 V
Testing voltage U:	3000 V acc. to DIN VDE 0281 part 2 + HD 21.2
Min. bending radius <i>static:</i>	< 12 mm = 3 x O.D. > 12 mm = 4 x O.D.
<i>fixed installation:</i>	< 12 mm = 5 x O.D. > 12 mm = 6 x O.D.
<i>free movement:</i>	< 12 mm = 5 x O.D. > 12 mm = 6 x O.D.
Radiation resistance:	5 x 10 ⁷ cJ/kg
Temperature range <i>static:</i>	-40/+70 °C
<i>flexing:</i>	+5/+70 °C
Oil resistance:	very good - TMPU acc. to DIN VDE 0282 part 10 + HD 22.10
Chem. resistance:	good against acids, alkalines, solvents, hydraulic liquids etc.
Absence of harmful substances:	acc. to RoHS-guideline 2002/95/EG as well as GefStoffV appendix IV-no. 24, see page N/25

Outstanding features:	
➤	oil resistant
➤	abrasion resistant
➤	notch resistant
➤	good chemical resistance

item no.	no. of conductors incl. ground	nominal outer-ø inch	outer-ø mm	cable weight ≈ lbs/mft
▶ 20 AWG (17/32) • 0.50 mm²				
02600205	2	0.201	5.1	21
02600305	3	0.209	5.3	25
02600405	4	0.224	5.7	30
02600505	5	0.244	6.2	36
02600705	7	0.264	6.7	46
02601205	12	0.346	8.8	73
02601805	18	0.417	10.6	110
02602005	20	0.437	11.1	122
02602505	25	0.496	12.6	145
▶ 19 AWG (23/32) • 0.75 mm²				
02600207	2	0.224	5.7	27
02600307	3	0.232	5.9	33
02600407	4	0.252	6.4	40
02600507	5	0.276	7.0	49
02600707	7	0.299	7.6	62
02601207	12	0.409	10.4	103
02601807	18	0.476	12.1	148
02602007	20	0.500	12.7	163
02602507	25	0.583	14.8	204

item no.	no. of conductors incl. ground	nominal outer-ø inch	outer-ø mm	cable weight ≈ lbs/mft
▶ 18 AWG (30/32) • 1.00 mm²				
02600210	2	0.232	5.9	31
02600310	3	0.240	6.1	38
02600410	4	0.260	6.6	47
02600510	5	0.287	7.3	58
02600710	7	0.311	7.9	74
02601210	12	0.425	10.8	122
02601810	18	0.496	12.6	176
02602010	20	0.531	13.5	199
02602510	25	0.606	15.4	243
▶ 16 AWG (27-29/30) • 1.50 mm²				
02600215	2	0.256	6.5	40
02600315	3	0.268	6.8	50
02600415	4	0.291	7.4	62
02600515	5	0.319	8.1	76
02600715	7	0.346	8.8	99
02601215	12	0.476	12.1	163
02601815	18	0.571	14.5	243
02602015	20	0.598	15.2	274
02602515	25	0.697	17.7	339

item no.	no. of conductors incl. ground	nominal outer-ø inch	outer-ø mm	cable weight ≈ lbs/mft
▶ 14 AWG (46/30) • 2.50 mm²				
02600225	2	0.303	7.7	59
02600325	3	0.319	8.1	77
02600425	4	0.346	8.8	95
02600525	5	0.398	10.1	122
02600725	7	0.433	11.0	159
02601225	12	0.587	14.9	260
02601825	18	0.705	17.9	290
02602025	20	0.740	18.8	435
02602525	25	0.858	21.8	532
▶ 12 AWG (52/28) • 4.00 mm²				
02600340	3	0.461	11.7	150
02600440	4	0.496	12.6	182
02600540	5	0.539	13.7	218
▶ 10 AWG (78/28) • 6.00 mm²				
02600360	3	0.551	14.0	219
02600460	4	0.594	15.1	267
02600560	5	0.646	16.4	321
▶ 8 AWG (77/26) • 10.00 mm²				
02600461	4	0.744	18.9	436

Other dimensions and colors are possible on request.

