

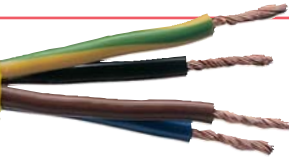
also available
with blue and red
conductors and black
or orange jacket

FLEXIBLE CONTROL CABLES



CC 540 P Halogen free oil resistant control cable with colored conductors

SKES · D-VIERSEN · CC 540 P 450/750V 4 G 1,5 mm² CE



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Marking for CC 540 P 52690415:

SAB BRÖCKSKES · D-VIERSEN · CC 540 P 450/750V 4 G 1,5 mm² CE

CC 540 P is a multi-conductor, flexible power supply cable with a rugged, abrasion resistant polyurethane jacket. The polyurethane jacket allows this cable to be used both indoors and outdoors, in wet, dry, cold or hot conditions. The cable is flame retardant and is colored safety yellow. Recommended applications include power supply for portable hand tools and appliances.

Construction:

Conductor:	bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 5
Insulation:	SABIX® 231
Color code:	colored acc. to HD 308 (VDE 0293 part 308); green-yellow earth wire from 3 conductors
Stranding:	in layers
Jacket material:	PUR, TMPU acc. to DIN VDE 0282 part 10 + HD 21.1
Jacket color:	yellow

Outstanding features:

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

Technical data:

Nominal voltage:	U _o /U 300/500 V from 19 AWG - 18 AWG U _o /U 450/750 V from 18 AWG - 6 AWG
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:	5 x 10 ⁷ cJ/kg
Temperature range <i>static:</i>	-40/+90 °C
<i>flexing:</i>	-30/+90 °C
Zero halogen:	acc. to DIN VDE 0472 part 815 and IEC 60754-1
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2
Corrosivity:	in compliance with IEC 60754-2 and EN 50267-2-2 + VDE 0472 part 267-2-2 - no development of corrosive conflagration gases
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.
Flexibility:	very good
Weather resistance:	good
Absence of harmful substances:	acc. to RoHS directive of the European Union see page N/28

300/500 V

item no.	no. of conductors incl. ground	nominal outer-ø inch	outer-ø mm	cable weight ≈ lbs/mft
▶ 19 AWG (≈ 23/32) • 0.75 mm²				
52690207	2	0.244	6.2	32
52690307	3	0.264	6.7	41
52690407	4	0.287	7.3	50
52690507	5	0.323	8.2	64
▶ 18 AWG (≈ 30/32) • 1.00 mm²				
52690211	2	0.264	6.7	39
52690311	3	0.280	7.1	48
52690411	4	0.303	7.7	58
52690511	5	0.339	8.6	74

450/750 V

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				
52690210	2	0.295	7.5	46
52690310	3	0.311	7.9	56
52690410	4	0.346	8.8	71
52690510	5	0.390	9.9	91
▶ 16 AWG (≈ 27-29/30) • 1.50 mm²				
52690215	2	0.327	8.3	58
52690315	3	0.346	8.8	71
52690415	4	0.386	9.8	90
52690515	5	0.421	10.7	112
▶ 14 AWG (≈ 46/30) • 2.50 mm²				
52690225	2	0.386	9.8	85
52690325	3	0.409	10.4	106
52690425	4	0.453	11.5	133
52690525	5	0.508	12.9	169
▶ 12 AWG (≈ 52/28) • 4.00 mm²				
52690240	2	0.449	11.4	122
52690340	3	0.476	12.1	154
52690440	4	0.528	13.4	194
52690540	5	0.591	15.0	245

450/750 V

item no.	no. of conductors incl. ground	nominal outer-ø inch	outer-ø mm	cable weight ≈ lbs/mft
▶ 10 AWG (≈ 78/28) • 6.00 mm²				
52690260	2	0.504	12.8	163
52690360	3	0.543	13.8	210
52690460	4	0.598	15.2	264
52690560	5	0.669	17.0	333
▶ 8 AWG (≈ 77/26) • 10.00 mm²				
52690261	2	0.673	17.1	288
52690361	3	0.720	18.3	367
52690461	4	0.791	20.1	460
52690561	5	0.878	22.3	575
▶ 6 AWG (≈ 122/26) • 16.00 mm²				
52690262	2	0.780	19.8	409
52690362	3	0.843	21.4	532
52690462	4	0.917	23.3	664
52690562	5	1.028	26.1	839

Other dimensions and colors are possible on request.

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Web site: www.sabcable.com