

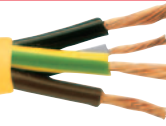
# Control and connection cables

## CC 540 P

PUR control cable with coloured cores, halogen-free and oil resistant



BRÖCKSKES · D-VIERSEN · CC 540 P 450/750V 4G1,5mm<sup>2</sup> CE



Marking for CC 540 P 52690415:

SAB BRÖCKSKES · D-VIERSEN · CC 540 P 450/750V 4G1,5mm<sup>2</sup> CE

### Construction:

<b>Conductor:</b>	bare copper strands acc. to IEC 60228, VDE 0295, class 5
<b>Insulation:</b>	SABIX®
<b>Colour code:</b>	coloured acc. to HD 308 (VDE 0293-308), green-yellow earth wire from 3 cores
<b>Stranding:</b>	in layers
<b>Sheath material:</b>	PUR, TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
<b>Sheath colour:</b>	yellow (RAL 1021)

### Outstanding features:



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

### Technical data:

<b>Nominal voltage:</b>	0,75 mm <sup>2</sup> - 1,00 mm <sup>2</sup> : U <sub>0</sub> /U 300/500 V 1,00 mm <sup>2</sup> - 16,0 mm <sup>2</sup> : U <sub>0</sub> /U 450/750 V
<b>Testing voltage:</b>	300/500 V: core/core 2000 V 450/750 V: core/core 2500 V
<b>Min. bending radius</b>	
fixed laying:	4 x d
flexible application:	6 x d
<b>Radiation resistance:</b>	5 x 10 <sup>7</sup> cJ/kg
<b>Temperature range</b>	
fixed laying:	-40/+90 °C
flexible application:	-30/+90 °C
<b>Halogen-free:</b>	acc. to IEC 60754-1 + VDE 0482-754-1
<b>Fire performance:</b>	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2
<b>Oil resistance:</b>	very good - TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
<b>Chem. resistance:</b>	good against acids, alkalines, solvents, hydraulic liquids etc.
<b>Flexibility:</b>	very good
<b>Weather resistance:</b>	good
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union, see chapter N „Technical data“

### 300/500 V

item no.	no. of cores x cross section n x mm <sup>2</sup>	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
52690207	2 x 0,75	0,21	6,2	14,4	48
52690307	3 x 0,75	0,21	6,7	21,6	61
52690407	4 x 0,75	0,21	7,3	28,8	75
52690507	5 x 0,75	0,21	8,2	36,0	95
52690211	2 x 1,00	0,21	6,7	19,2	58
52690311	3 x 1,00	0,21	7,1	28,8	71
52690411	4 x 1,00	0,21	7,7	38,4	87
52690511	5 x 1,00	0,21	8,6	48,0	110

### 450/750 V

item no.	no. of cores x cross section n x mm <sup>2</sup>	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
52690210	2 x 1,00	0,21	7,5	19,2	69
52690310	3 x 1,00	0,21	7,9	28,8	84
52690410	4 x 1,00	0,21	8,8	38,4	106
52690510	5 x 1,00	0,21	9,9	48,0	135
52690215	2 x 1,50	0,26	8,3	28,8	87
52690315	3 x 1,50	0,26	8,8	43,2	106
52690415	4 x 1,50	0,26	9,8	57,6	134
52690515	5 x 1,50	0,26	10,7	72,0	167
52690225	2 x 2,50	0,26	9,8	48,0	127
52690325	3 x 2,50	0,26	10,4	72,0	158
52690425	4 x 2,50	0,26	11,5	96,0	198
52690525	5 x 2,50	0,26	12,9	120,0	252
52690240	2 x 4,00	0,31	11,4	76,8	182
52690340	3 x 4,00	0,31	12,1	115,2	229
52690440	4 x 4,00	0,31	13,4	153,6	289
52690540	5 x 4,00	0,31	15,0	192,0	365
52690260	2 x 6,00	0,31	12,8	115,2	242
52690360	3 x 6,00	0,31	13,8	172,8	312
52690460	4 x 6,00	0,31	15,2	230,4	393
52690560	5 x 6,00	0,31	17,0	288,0	496
52690261	2 x 10,00	0,41	17,1	192,0	428
52690361	3 x 10,00	0,41	18,3	288,0	546
52690461	4 x 10,00	0,41	20,1	384,0	684
52690561	5 x 10,00	0,41	22,3	480,0	856
52690262	2 x 16,00	0,41	19,8	307,2	608
52690362	3 x 16,00	0,41	21,4	460,8	792
52690462	4 x 16,00	0,41	23,3	614,4	988
52690562	5 x 16,00	0,41	26,1	768,0	1248



**Sheath also possible  
in black or orange**

Other dimensions and colours are possible on request.