



## CC 600 CY PVC control cable with numbered cores, inner sheath and overall copper screen, AWG 8 - AWG 1



Marking for CC 600 CY 02590804:

SAB BRÖCKSKES · D-VIERSEN · CC 600 CY 8 AWG/4c 02590804 AWM Style 21216 90°C Oil 60°C 600V CSA AWM I/II A/B 90°C F 600V FT1 FT2 CE

### Construction:

<b>Conductor:</b>	bare copper strands acc. to UL/CSA
<b>Insulation:</b>	special PVC acc. to DIN VDE and UL/CSA
<b>Colour code:</b>	black cores with consecutive numbers acc. to EN 50334; green-yellow earth wire from 3 cores
<b>Stranding:</b>	in layers
<b>Inner sheath:</b>	special PVC acc. to DIN VDE and UL/CSA
<b>Screen:</b>	tinned copper braiding
<b>Sheath material:</b>	special oil resistant PVC acc. to DIN VDE and UL/CSA
<b>Sheath colour:</b>	grey (RAL 7000)

### Outstanding features:

- UL recognized, CSA approved
- high mechanical loading capacity
- oil resistant
- on request construction with metric conductor stranding and VDE-Reg. no.
- EAC approval

### Technical data:

<b>Nominal voltage:</b>	<b>DIN VDE</b> U <sub>0</sub> /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; core/screen 1000 V	
<b>Min. bending radius</b>		
<i>fixed laying:</i>	5 x d	
<i>flexible application:</i>	10 x 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>
<i>fixed laying:</i>	-40/+70 °C	up to +90 °C
<i>flexible application:</i>	+5/+70 °C	up to +90 °C
<b>Fire performance:</b>	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2, UL VW-1, CSA FT1 + FT2	
<b>Oil resistance:</b>	very good - PVC, TM5 acc. to DIN VDE 0281 part 1 + HD 21.1, Oil 60 °C acc. to UL 758, Fuel Oil acc. to CSA-C 22.2 No. 210-05	
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page N/17	

item no.	no. of cores x cross section n x AWG	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
02590804	4 x 8	0,41	20,5	517,1	790
02590604	4 x 6	0,41	24,3	771,1	1110
02590404	4 x 4	0,41	29,4	1033,3	1703
02590204	4 x 2	0,41	34,2	1553,2	2328
02590104	4 x 1	0,41	36,6	1879,3	2801

Other dimensions and colours are possible on request.