

Control and connection cables

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 · <VDE-REG 7000> 4x1,0mm² CC 600 CY 8 AWG/4c 02590804

AWM Style 21216 90°C 600V Oil 60°C CSA AWM I/II A/B 90°C F 600V FT1 FT2 CE

Construction:

Conductor:	bare copper strands acc. to UL/CSA
Insulation:	special PVC acc. to VDE and UL/CSA
Colour code:	black cores with consecutive numbers acc. to EN 50334 + VDE 0293-334, green-yellow earth wire from 3 cores
Stranding:	in layers
Inner sheath:	special PVC acc. to VDE and UL/CSA
Screen:	tinned copper braiding
Sheath material:	special oil resistant PVC acc. to VDE and UL/CSA
Sheath colour:	grey (RAL 7000)

Technical data:

Nominal voltage:	U ₀ /U 300/500 V	
Voltage UL/CSA:	600 V	
Testing voltage:	core/core 3000 V	core/screen 2000 V
Min. bending radius		
fixed laying:	5 x d	
flexible application:	10 x d	
Radiation resistance:	5 x 10 ⁷ cJ/kg	
Temperature range	DIN VDE	UL/CSA: up to +90 °C
fixed laying:	-40/+70 °C	
flexible application:	+5/+70 °C	
Fire performance:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2, UL VW-1, CSA FT1, FT2	
Oil resistance:	very good - TM5 acc. to EN 50363-4-1 + VDE 0207-363-4-1, Oil 60 °C acc. to UL 758, Fuel Oil acc. to CSA-C 22.2 No. 210	
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical data“	

Outstanding features:



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

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.