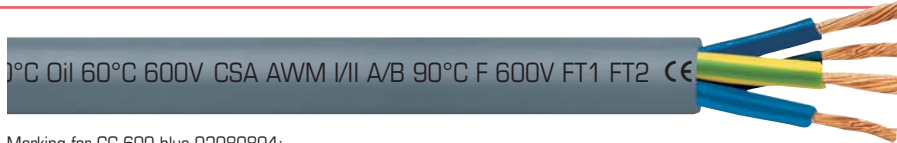


Control and connection cables

CC 600 blue

PVC control cable with numbered blue cores, AWG 8 - AWG 1



Marking for CC 600 blue 02080804:

SAB BRÖCKSKES · D-VIERSEN · CC 600 blue 8 AWG/4c 02080804

AWM Style 21216 90°C Oil 60°C 600V 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:	blue cores with consecutive numbers acc. to EN 50334 + VDE 0293-334, green-yellow earth wire from 3 cores
Stranding:	in layers
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	
Min. bending radius		
<i>fixed laying:</i>	4 x d	
<i>flexible application:</i>	6 x d	
Radiation resistance:	8 x 10 ⁷ cJ/kg	
Temperature range	DIN VDE	UL/CSA: up to +90 °C
<i>fixed laying:</i>	-40/+70 °C	
<i>flexible application:</i>	+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	
Chem. resistance:	see chapter N „Technical Data“	
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
02080803	3 x 8	0,41	15,3	253,4	449
02080804	4 x 8	0,41	17,0	337,9	570
02080805	5 x 8	0,41	18,9	422,4	696
02080604	4 x 6	0,41	20,9	541,4	845
02080605	5 x 6	0,41	23,6	676,8	969
02080404	4 x 4	0,41	25,6	844,8	1360
02080208	4 x 2	0,41	30,4	1344,0	2007
02080104	4 x 1	0,41	33,2	1651,2	2464

Other dimensions and colours are possible on request.