

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

FLEXIBLE CONTROL CABLES



CC 600 Oil resistant 90°C flexible control cable with black conductors, AWG 8 - AWG 2

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



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Marking for CC 600 02040805:

SAB BRÖCKSKES · D-VIERSEN · CC 600 8 AWG/5c 02040805 AWM Style 21216 90°C Oil 60°C 600V CSA AWM I/II A/B 90°C F 600V FT1 FT2 CE

CC 600 is a multi-conductor, 600 V, 90°C, UL recognized and CSA approved, oil resistant flexible control cable. The reduced outer diameter permits easy handling and installation in confined areas. Our specially designed PVC jacket passes the stringent requirements of the VDE test 0281 part 1 and HD 21.1 oil test providing the best oil resistance available for a PVC jacket. CC 600 control cables are designed for use in all electrical equipment in dry, damp and wet conditions. Recommended applications are machine tools, control systems, assembly lines, CNC machining centers, grinding machines, bottling equipment, data processing equipment and connections between control panels and machines.

Construction:

Conductor:	bare copper strands acc. to UL/CSA
Insulation:	special PVC acc. to DIN VDE and UL/CSA
Color code:	black conductors with consecutive numbers green-yellow earth wire from 3 conductors
Stranding:	in layers
Jacket material:	special oil resistant PVC acc. to DIN VDE and UL/CSA
Jacket color:	gray

Outstanding features:

- **UL recognized and CSA approved**
- **high mechanical loading capacity**
- **oil resistant**

Technical data:

Nominal voltage:	DIN VDE U ₀ /U 300/500 V	UL/CSA 600 V
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:	8 x 10 ⁷ cJ/kg	
Temperature range	DIN VDE -40/+70 °C	UL/CSA: up to +90°C
<i>static:</i>		
<i>flexing:</i>	+5/+70 °C	
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2, UL VW1, CSA FT1 and FT2	
Oil resistance:	very good - 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	
Chem. resistance:	see page N/9	
Impact and Crushing test:	in accordance to UL 1277 same requirement for Exposed Run	
Absence of harmful substances:	acc. to RoHS directive of the European Union see page N/28	

item no.	no. of conductors incl. ground	nominal outer-ø inch	mm	cable weight ≈ lbs/mft
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▶ **8 AWG (≈ 77/26) • 10.00 mm²**

02040804	4	0.669	17.0	381
02040805	5	0.744	18.9	468

▶ **6 AWG (≈ 119/26) • 16.00 mm²**

02040604	4	0.823	20.9	516
02040605	5	0.929	23.6	651

▶ **4 AWG (≈ 196/26) • 25.00 mm²**

02040404	4	1.008	25.6	911
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▶ **2 AWG (≈ 280/26) • 35.00 mm²**

02040204	4	1.197	30.4	1343
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Other dimensions and colors are possible on request.

E-mail: info@sabcable.com



Web site: www.sabcable.com