

also available
with green-yellow
insulation and
gray jacket

CONTINUOUS FLEX CABLES



S 910 CP Continuous flex oil and abrasion resistant shielded power supply cable for small bend radius applications

10456 80°C 600V CSA AWM I/II A/B 80°C 1000V FT1 FT2 CE



Marking for S 910 CP 37692362:

SAB BRÖCKSKES · D-VIERSEN · 37692362 16,0 mm² S 910 CP 6 AWG 37690601 AWM Style 10456 80°C 600V CSA AWM I/II A/B 80°C 1000V FT1 FT2 CE

S 910 CP is an ultra flexible 600 V, UL recognized, CSA approved cable designed for power applications. An overall tinned copper shield is recommended whenever electrical interference distorts signal transmission, or when EMI emissions need to be suppressed. The design incorporates the IEC 60228 class 6 super fine wire stranding which provides excellent flexibility. The specially blended PUR jacket is abrasion resistant and passes the stringent VDE test 0282 part 10 and HD 22.10 oil test. Recommended applications are power supply cables for spindle motor, cable handling systems requiring power cable, and interconnect wire from power supply to the machine in harsh environment.

B
10

Construction:

Conductor:	bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 6
Insulation:	TPE 510
Wrapping:	non-woven tape
Screen:	tinned copper braiding
Wrapping:	non-woven tape
Jacket material:	TMPU acc. to DIN VDE 0282 part 10 + HD 22.10 with mat surface
Jacket color:	orange

Outstanding features:

- highly flexible single conductor for use in cable tracks
- good chemical resistance
- high abrasion resistance

Technical data:

Nominal voltage:	DIN VDE: U _o /U 0.6/1 kV	
Voltage:	UL: 600 V	CSA: 1000 V
Min. bending radius continuous flexing:	7.5 x O.D.	
Radiation resistance:	5 x 10 ⁷ cJ/kg	
Temperature range static:	DIN VDE	UL/CSA: up to +80°C
flexing:	-50/+90°C	-40/+90°C
Burning characteristics:	flame retardant and self-extinguishing acc. to UL + CSA FT1 and FT2	
Oil resistance:	very good - PUR TMPU acc. to DIN VDE 0282 part 10 + HD 22.10	
Chem. resistance:	good against acids, alkalines, solvents, hydraulic liquids etc.	
Continuous flexibility:	very good	
Absence of harmful substances:	acc. to RoHS directive of the European Union see page N/28	

Color of insulation: ➤ black

item no.	no. of conductors x cross section n x mm ²	AWG/MCM	outer-ø ± 5% inch	outer-ø ± 5% mm	cable weight ≈ lbs/mft
37692340	1 x 4.00	12 (≈ 224/34)	0.280	7.1	56
37692360	1 x 6.00	10 (≈ 186/32)	0.315	8.0	75
37692361	1 x 10.00	8 (≈ 320/32)	0.350	8.9	106
37692362	1 x 16.00	6 (≈ 504/32)	0.406	10.3	153
37692363	1 x 25.00	4 (≈ 760/32)	0.461	11.7	225
37692364	1 x 35.00	2 (≈ 1083/32)	0.524	13.3	292
37692365	1 x 50.00	1 (≈ 703/28)	0.622	15.8	424
37692366	1 x 70.00	2/0 (≈ 988/2)	0.705	17.9	564
37692367	1 x 95.00	3/0 (≈ 1340/28)	0.902	22.9	802
37692368	1 x 120.00	4/0 (≈ 1680/28)	0.941	23.9	955
37692369	1 x 150.00	250 MCM (≈ 2122/28)	1.047	26.6	1191

Other dimensions and colors are possible on request.

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Web site: www.sabcable.com