

CONTINUOUS FLEX CABLES

also available
with green-yellow
insulation and
gray jacket

S 910 P Continuous flex oil resistant 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 P 37681362:

SAB BRÖCKSKES · D-VIERSEN · 37681362 16,0 mm² S 910 P 6 AWG 37680601 AWM Style 10456 80°C 600V CSA AWM I/II A/B 80°C 1000V FT1 FT2 CE

S 910 P is an ultra flexible 600 V, UL recognized, CSA approved cable designed for power applications. The design incorporates the IEC 60228 class 6 super fine wire stranding which provides excellent flexibility. The specially blended PUR jacket passes the stringent VDE test 0281 part 1 and HD 21.1 oil test providing the best oil resistance available for a PUR jacket. Recommended applications are power supply cables for spindle motor, cable handling systems requiring power cable, and interconnect wire from power supply to the machine.

B
9

Construction:

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

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: -50/+90°C	UL/CSA: up to +80°C
flexing:	-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
37681340	1 x 4.00	12 (≈ 224/34)	0.260	6.6	46
37681360	1 x 6.00	10 (≈ 186/32)	0.295	7.5	63
37681361	1 x 10.00	8 (≈ 320/32)	0.331	8.4	93
37681362	1 x 16.00	6 (≈ 504/32)	0.390	9.9	138
37681363	1 x 25.00	4 (≈ 760/32)	0.437	11.1	199
37681364	1 x 35.00	2 (≈ 1083/32)	0.496	12.6	262
37681365	1 x 50.00	1 (≈ 703/28)	0.579	14.7	372
37681366	1 x 70.00	2/0 (≈ 988/2)	0.669	17.0	308
37681367	1 x 95.00	3/0 (≈ 1340/28)	0.803	20.4	688
37681368	1 x 120.00	4/0 (≈ 1680/28)	0.906	23.0	886
37681369	1 x 150.00	250 MCM (≈ 2122/28)	1.012	25.7	1108

Other dimensions and colors are possible on request.

E-mail: info@sabcable.com



Web site: www.sabcable.com