

Continuous Flex Cables for Track

S 910 P

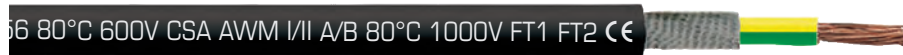
Continuous flex oil resistant power supply cable for small bend radius applications with TPE insulation and PUR jacket



Marking for S 910 P 37681362:

SAB BRÖCKSKES · D-VIERSEN · 37680601 16.0 mm² S 910 P 6 AWG 37681362 AWM Style 10456 80°C 600V CSA AWM I/II A/B 80°C 1000V FT1 FT2 CE

B
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Marking for S 910 P 37681162:

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Construction:

Conductor:	bare copper strands acc. to IEC 60228, VDE 0295, class 6
Insulation:	TPE, black or green/yellow
Wrapping:	non-woven tape
Jacket material:	PUR, TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2 with matte surface
Jacket color:	black (RAL 9005)

Outstanding features:



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

Technical data:

Nominal voltage:	U ₀ /U 0.6/1 kV	
Voltage:	UL: 600 V	CSA: 1000V
Min. bending radius: <i>continuously flexing:</i>	7.5 x O.D.	
Radiation resistance:	1 x 10 ⁷ cJ/kg	
Temperature range: <i>static:</i> <i>flexing:</i>	DIN VDE -50/+90°C	UL/CSA: up to +80°C -40/+90°C
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1	
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2, UL VW-1, CSA FT 1, FT 2	
Oil resistance:	very good - TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2	
Chemical resistance:	good against acids, alkalines, solvents, hydraulic liquids, etc.	
Continuous flexibility:	very good	
Approvals:	UR AWM, CSA AWM, CE, RoHS	
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30	

item no. black insulation	item no. green/yellow insulation	no. of conductors n x mm ²	AWG/MCM	outer-ø ±10% inch	outer-ø ±10% mm	cable weight ≈lbs/mft
▶ 37681340	37681140	1 x 4.00	12 (≈ 224/34)	0.260	6.6	46
▶ 37681360	37681160	1 x 6.00	10 (≈ 186/32)	0.295	7.5	63
▶ 37681361	37681161	1 x 10.0	8 (≈ 320/32)	0.331	8.4	93
▶ 37681362	37681162	1 x 16.0	6 (≈ 512/32)	0.390	9.9	138
▶ 37681363	37681163	1 x 25.0	4 (≈ 798/32)	0.437	11.1	199
▶ 37681364	37681164	1 x 35.0	2 (≈ 1083/32)	0.496	12.6	262
▶ 37681365	37681165	1 x 50.0	1 (≈ 703/28)	0.579	14.7	372
▶ 37681366	37681166	1 x 70.0	2/0 (≈ 988/28)	0.669	17.0	518
▶ 37681367	37681167	1 x 95.0	3/0 (≈ 1340/28)	0.803	20.4	688
▶ 37681368	37681168	1 x 120.0	4/0 (≈ 1680/28)	0.906	23.0	886
▶ 37681369	37681169	1 x 150.0	250 MCM (≈ 2122/28)	1.012	25.7	1108
▶ 37681370	37681170	1 x 185.0	350 MCM (≈ 1472/26)	1.087	27.6	1357

Other dimensions and colors are possible on request.