

Continuous Flex Cables for Track

S 910 CP

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



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 · 37690601 16.0 mm² S 910 CP 6 AWG 37692362 AWM Style 10456 80°C 600V CSA AWM I/II A/B 80°C 1000V FT1 FT2 CE

Construction:

Conductor:	bare copper strands acc. to IEC 60228, VDE 0295, class 6
Insulation:	TPE, black
Wrapping:	non-woven tape
Shielding:	tinned copper braiding
Wrapping:	non-woven tape
Jacket material:	PUR, TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2 with matte surface
Jacket color:	orange (RAL 2003)

Outstanding features:

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

Technical data:

Nominal voltage:	Uo/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:	5 x 10 ⁷ cJ/kg
Temperature range: <i>static:</i> <i>flexing:</i>	DIN VDE UL/CSA: up to +80°C -50/+90°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/CSA FT1, FT2
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.	no. of conductors n x mm ²	AWG/MCM	outer-ø ±10% inch	outer-ø ±10% 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 10.0	8 (≈ 320/32)	0.350	8.9	105
▶ 37692362	1 x 16.0	6 (≈ 512/32)	0.406	10.3	153
▶ 37692363	1 x 25.0	4 (≈ 798/32)	0.461	11.7	225
▶ 37692364	1 x 35.0	2 (≈ 1083/32)	0.524	13.3	292
▶ 37692365	1 x 50.0	1 (≈ 703/28)	0.622	15.8	424
▶ 37692366	1 x 70.0	2/0 (≈ 988/28)	0.705	17.9	564
▶ 37692367	1 x 95.0	3/0 (≈ 1340/28)	0.902	22.9	802
▶ 37692368	1 x 120.0	4/0 (≈ 1680/28)	0.941	23.9	955
▶ 37692369	1 x 150.0	250 MCM (≈ 2122/28)	1.047	26.6	1191

Other dimensions and colors are possible on request.



Possible on request:

- with green/yellow insulation