

# Cable Track Cable

## S 910 CP

continuously flexible TPE/PUR single conductor with overall copper screen



Marking for S 910 CP 37692362:

SAB BRÜCKSKES · 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

### Construction:

<b>Conductor:</b>	bare copper strands acc. to IEC 60228, VDE 0295, class 6
<b>Insulation:</b>	TPE, black
<b>Wrapping:</b>	non-woven tape
<b>Screen:</b>	tinned copper braiding
<b>Wrapping:</b>	non-woven tape
<b>Sheath material:</b>	PUR, TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2 with mat surface
<b>Sheath colour:</b>	orange (RAL 2003)

### Outstanding features:



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

### Technical Data:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 0,6/1 kV
<b>Voltage:</b>	UL: 600 V      CSA: 1000 V
<b>Min. bending radius</b> <i>continuously flexible:</i>	7,5 x d
<b>Radiation resistance:</b>	5 x 10 <sup>7</sup> cJ/kg
<b>Temperature range</b> <i>fixed laying:</i> <i>flexible application:</i>	DIN VDE      UL/CSA: up to +80 °C -50/+90 °C -40/+90 °C
<b>Halogen-free:</b>	acc. to IEC 60754-1 + VDE 0482-754-1
<b>Fire performance:</b>	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2, UL/CSA FT1, FT2
<b>Oil resistance:</b>	very good - TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
<b>Chem. resistance:</b>	good against acids, alkalines, solvents, hydraulic liquids etc.
<b>Continuous flexibility:</b>	very good
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union, see chapter N „Technical data“

item no.	nominal cross section mm²	largest single wire ø mm	AWG/MCM	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
37692340	4,00	0,16	12 (224/34)	7,1	54,5	83
37692360	6,00	0,21	10 (186/32)	8,0	77,3	112
37692361	10,00	0,21	8 (320/32)	8,9	119,7	157
37692362	16,00	0,21	6 (512/32)	10,3	182,6	227
37692363	25,00	0,21	4 (798/32)	11,7	293,9	335
37692364	35,00	0,21	2 (1083/32)	13,3	395,7	434
37692365	50,00	0,31	1 (703/28)	15,8	577,7	631
37692366	70,00	0,31	2/0 (988/28)	17,9	783,2	840
37692367	95,00	0,31	3/0 (1340/28)	22,9	1051,4	1193
37692368	120,00	0,31	4/0 (1680/28)	23,9	1293,3	1421
37692369	150,00	0,31	250 MCM (2122/28)	26,6	1611,3	1773

Other dimensions and colours are possible on request.



### Possible on request:

- with green-yellow insulation