

# Cable Track Cable

## S 900 P

continuously flexible PVC/PUR single conductor



456 80°C 600V CSA AWM I/II A/B 80°C 600V FT1 FT2 CE



Marking for S 900 P 07681362:

SAB BRÜCKSKES · D-VIERSEN · 07681362 16,0 mm<sup>2</sup> S 900 P 6 AWG 07680601 AWM Style 10456 80°C 600V CSA AWM I/II A/B 80°C 600V FT1 FT2 CE

### Construction:

<b>Conductor:</b>	bare copper strands acc. to IEC 60228, VDE 0295, class 6
<b>Insulation:</b>	PVC, TI2 acc. to EN 50363-3 + VDE 0207-363-3, black
<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>	black (RAL 9005)

### Technical Data:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 0,6/1 kV	
<b>Voltage UL/CSA:</b>	600 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>	<b>DIN VDE</b> -40/+70 °C +5/+70 °C	<b>UL/CSA:</b> up to +80 °C
<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“	

### Outstanding features:



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

item no.	nominal cross section mm <sup>2</sup>	largest single wire ø mm	AWG/MCM	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km	ampere at 30 °C
07681315	1,50	0,16	16 (84/34)	5,6	14,4	45	24
07681325	2,50	0,16	14 (140/34)	6,5	24,0	63	32
07681340	4,00	0,16	12 (224/34)	7,3	38,4	86	42
07681360	6,00	0,21	10 (186/32)	8,0	57,6	114	54
07681361	10,00	0,21	8 (320/32)	9,8	96,0	173	73
07681362	16,00	0,21	6 (512/32)	10,8	153,6	245	98
07681363	25,00	0,21	4 (798/32)	12,7	240,0	353	129
07681364	35,00	0,21	2 (1083/32)	14,0	336,0	459	158
07681365	50,00	0,31	1 (703/28)	16,1	480,0	638	198
07681385	54,00	0,31	1/0 (779/28)	16,6	518,4	683	213
07681386	68,00	0,31	2/0 (969/28)	18,1	652,8	838	226
07681366	70,00	0,31	2/0 (988/28)	18,1	672,0	854	245
07681387	86,00	0,31	3/0 (1218/28)	20,0	825,6	1044	263
07681367	95,00	0,31	3/0 (1340/28)	21,0	912,0	1140	292
07681388	108,00	0,31	4/0 (1528/28)	22,5	1036,8	1279	313
07681368	120,00	0,31	4/0 (1680/28)	22,8	1152,0	1394	344
07681389	127,00	0,31	250 MCM (1799/28)	23,3	1220,8	1483	370
07681369	150,00	0,31	250 MCM (2122/28)	24,6	1440,0	1716	391
07681390	152,00	0,31	300 MCM (2154/28)	24,6	1461,7	1716	396
07681391	177,00	0,41	350 MCM (1443/26)	26,7	1740,8	2043	430
07681370	185,00	0,41	350 MCM (1472/26)	26,7	1776,0	2077	448
07681392	204,00	0,41	400 MCM (1628/26)	30,4	1964,0	2399	470
07681393	232,00	0,41	450 MCM (1850/26)	31,5	2231,8	2680	490
07681371	240,00	0,41	450 MCM (1910/26)	31,5	2304,0	2750	528
07681394	255,00	0,41	500 MCM (2035/26)	31,8	2455,0	2907	535
07681395	283,00	0,41	550 MCM (2257/26)	33,6	2722,8	3385	560
07681372	300,00	0,41	550 MCM (2388/26)	34,3	2880,0	3389	608
07681396	306,00	0,41	600 MCM (2442/26)	34,3	2946,0	3451	613

from 283 mm<sup>2</sup> only UL recognition.  
Other dimensions and colours are possible on request.



Possible on request:

- with green-yellow insulation