

# Cable Track Cable

## S 900


continuously flexible PVC/PVC single conductor



455 90°C 600V CSA AWM I/II A/B 90°C 600V FT1 FT2 CE 



marking example:

SAB BRÜCKSKES · D-VIERSEN · 07671362 16,0 mm<sup>2</sup> S 900 6 AWG 07670601  AWM Style 10455 90°C 600V CSA AWM I/II A/B 90°C 600V FT1 FT2 CE

### Construction:

<b>Conductor:</b>	bare copper strands acc. to IEC 60228, VDE 0295, class 6
<b>Insulation:</b>	PVC, T12 acc. to EN 50363-3 + VDE 0207-363-3, black
<b>Wrapping:</b>	non-woven tape
<b>Sheath material:</b>	PVC, TM5 acc. to EN 50363-3 + VDE 0207-363-3
<b>Sheath colour:</b>	grey (RAL 9005)

### Technical Data:

<b>Nominal voltage:</b>	U <sub>o</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>	8 x 10 <sup>7</sup> cJ/kg	
<b>Temperature range</b> <i>fixed laying:</i>	DIN VDE -40/+70 °C	UL/CSA: up to +90 °C
<i>flexible application:</i>	+5/+70 °C	
<b>Fire performance:</b>	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2 UL VW-1, CSA FT1, FT2	
<b>Oil resistance:</b>	very good - TM5 acc. to EN 50363-3 + VDE 0207-363-3	
<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

item no.	nominal cross section mm <sup>2</sup>	largest single wire ø mm	AWG/MCM	outer-ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km	ampere at 30 °C
07671315	1,50	0,16	16 (84/34)	4,9	14,4	38	24
07671325	2,50	0,16	14 (140/34)	5,8	24,0	55	32
07671340	4,00	0,16	12 (224/34)	6,6	38,4	77	42
07671360	6,00	0,21	10 (186/32)	7,3	57,6	104	54
07671361	10,00	0,21	8 (320/32)	9,1	96,0	161	73
07671362	16,00	0,21	6 (512/32)	10,1	153,6	231	98
07671363	25,00	0,21	4 (798/32)	12,0	240,0	337	129
07671364	35,00	0,21	2 (1083/32)	13,7	336,0	454	158
07671365	50,00	0,31	1 (703/28)	15,8	480,0	632	198
07671385	54,00	0,31	1/0 (779/28)	16,3	518,4	677	213
07671386	68,00	0,31	2/0 (969/28)	17,1	652,8	789	226
07671366	70,00	0,31	2/0 (988/28)	17,3	672,0	803	245
07671387	86,00	0,31	3/0 (1218/28)	19,7	825,6	1036	263
07671367	95,00	0,31	3/0 (1340/28)	21,0	912,0	1146	292
07671388	108,00	0,31	4/0 (1528/28)	22,5	1036,8	1286	313
07671368	120,00	0,31	4/0 (1680/28)	22,8	1152,0	1401	344
07671389	127,00	0,31	250 MCM (1799/28)	23,3	1220,8	1490	370
07671369	150,00	0,31	250 MCM (2122/28)	24,6	1440,0	1724	391
07671390	152,00	0,31	300 MCM (2154/28)	24,6	1461,7	1724	396
07671391	177,00	0,41	350 MCM (1443/26)	26,7	1740,8	2051	430
07671370	185,00	0,41	350 MCM (1472/26)	26,7	1776,0	2085	448
07671392	204,00	0,41	400 MCM (1628/26)	30,4	1964,0	2411	470
07671393	232,00	0,41	450 MCM (1850/26)	31,5	2231,8	2693	490
07671371	240,00	0,41	450 MCM (1910/26)	31,5	2304,0	2763	528
07671394	255,00	0,41	500 MCM (2035/26)	31,8	2455,0	2920	535
07671395	283,00	0,41	550 MCM (2257/26)	33,6	2722,8	3399	560
07671372	300,00	0,41	550 MCM (2388/26)	34,3	2880,0	3403	608
07671396	306,00	0,41	600 MCM (2442/26)	34,3	2946,0	3466	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