

Cable Track Cable

S 910 P

continuously flexible TPE/PUR single conductor



56 80°C 600V CSA AWM I/II A/B 80°C 1000V FT1 FT2 CE



marking example:

SAB BRÜCKSKES · D-VIERSEN · 37681362 16,0 mm² S 910 P 6 AWG 37680601 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
Sheath material:	PUR, TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2 with mat surface
Sheath colour:	grey (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 _o /U 0,6/1 kV
Voltage:	UL: 600 V CSA: 1000 V
Min. bending radius <i>continuously flexible:</i>	7,5 x d
Radiation resistance:	1 x 10 ⁷ cJ/kg
Temperature range <i>fixed laying:</i>	DIN VDE UL/CSA: up to +80 °C -50/+90 °C
<i>flexible application:</i>	-40/+90 °C
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1
Fire performance:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2 UL VW-1, CSA FT1, FT2
Oil resistance:	very good - TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
Chem. resistance:	good against acids, alkalines, solvents, hydraulic liquids etc.
Continuous flexibility:	very good
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical data“

item no.	nominal cross section mm ²	largest single wire ø mm	AWG/MCM	outer-ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
37681340	4,00	0,16	12 (224/34)	6,6	38,4	69
37681360	6,00	0,21	10 (186/32)	7,5	57,6	94
37681361	10,00	0,21	8 (320/32)	8,4	96,0	138
37681362	16,00	0,21	6 (512/32)	9,9	153,6	206
37681363	25,00	0,21	4 (798/32)	11,1	240,0	296
37681364	35,00	0,21	2 (1083/32)	12,6	336,0	390
37681365	50,00	0,31	1 (703/28)	14,7	480,0	554
37681366	70,00	0,31	2/0 (988/28)	17,0	672,0	771
37681367	95,00	0,31	3/0 (1340/28)	20,4	912,0	1024
37681368	120,00	0,31	4/0 (1680/28)	23,0	1152,0	1318
37681369	150,00	0,31	250 MCM (2122/28)	25,7	1440,0	1649
37681370	185,00	0,41	350 MCM (1472/26)	27,6	1776,0	2020

Other dimensions and colours are possible on request.

Possible on request:
With green-yellow insulation