

# Cable Track Cable

## SD 960 P

continuously flexible PUR data cable with coloured cores



30°C 300V CSA AWM I/II A/B 80°C 300V FT1 FT2 CE



Marking for SD 960 P 07762503:

SAB BRÜCKSKES · D-VIERSEN · 07762503 25 x 0,34 mm<sup>2</sup> SD 960 P 22 AWG/25c 07762225

AWM Style 20233 80°C 300V CSA AWM I/II A/B 80°C 300V FT1 FT2 CE

### Construction:

<b>Conductor:</b>	bare copper strands, extra fine wires
<b>Insulation:</b>	PVC, TI2 acc. to EN 50363-3 + VDE 0207-363-3
<b>Colour code:</b>	with reference to colour code US 2, see chapter N „Technical Data“
<b>Stranding:</b>	specially adjusted layering with non-woven tape over each layer
<b>Sheath material:</b>	PU acc. to UL 758 with mat surface
<b>Sheath colour:</b>	grey (RAL 7032)

### Technical Data:

<b>Peak operating voltage:</b>	max. 350 V	
<b>Voltage UL/CSA:</b>	300 V	
<b>Testing voltage:</b>	core/core 1500 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> -30/+70 °C	<b>UL/CSA:</b> up to +80 °C
<b>Fire performance:</b>	flame retardant and self-extinguishing acc. to UL FT1, CSA FT1, FT2	
<b>Oil resistance:</b>	very good - oilrating 60 °C acc. to UL 758	
<b>Chem. resistance:</b>	good against acids, alkalines, solvents, hydraulic liquids etc.	
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union, see chapter N „Technical Data“	

### Outstanding features:



- very good oil resistant
- very good chemical resistance
- high abrasion resistance
- very good flexibility

item no.	no. of cores x cross section n x mm <sup>2</sup>	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
07760201	2 x 0,14	0,11	4,5	2,7	20
07760301	3 x 0,14	0,11	4,7	4,0	24
07760401	4 x 0,14	0,11	5,1	5,4	28
07760501	5 x 0,14	0,11	5,5	6,7	34
07760701	7 x 0,14	0,11	6,3	9,4	45
07761001	10 x 0,14	0,11	7,0	13,4	54
07761401	14 x 0,14	0,11	7,5	18,8	71
07761801	18 x 0,14	0,11	8,6	24,2	84
07762501	25 x 0,14	0,11	10,1	33,6	108
07760202	2 x 0,25	0,11	4,8	4,8	24
07760302	3 x 0,25	0,11	5,1	7,2	29
07760402	4 x 0,25	0,11	5,4	9,6	34
07760502	5 x 0,25	0,11	5,9	12,0	42
07760702	7 x 0,25	0,11	6,8	16,8	52

item no.	no. of cores x cross section n x mm <sup>2</sup>	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
07761002	10 x 0,25	0,11	7,6	24,0	70
07761402	14 x 0,25	0,11	8,2	33,6	84
07761802	18 x 0,25	0,11	9,3	43,2	110
07762502	25 x 0,25	0,11	11,4	60,0	150
07760203	2 x 0,34	0,11	5,0	6,5	27
07760303	3 x 0,34	0,11	5,3	9,8	32
07760403	4 x 0,34	0,11	5,7	13,1	39
07760503	5 x 0,34	0,11	6,1	16,3	47
07760703	7 x 0,34	0,11	7,1	22,8	59
07761003	10 x 0,34	0,11	8,0	32,6	77
07761403	14 x 0,34	0,11	8,6	45,7	100
07761803	18 x 0,34	0,11	9,8	58,8	128
07762503	25 x 0,34	0,11	12,1	81,6	175

Other dimensions and colours are possible on request.

### Possible on request:



- in dimensions  
0,50 mm<sup>2</sup> and 0,75 mm<sup>2</sup>
- with orange outer sheath  
and coloured cores  
with reference to DIN 47100