

# Cable Track Cable

## SD 960

continuously flexible PVC data cable with coloured cores



6/25c 07752625 AWM Style 21083 80°C 300V CE



Marking for SD 960 07752501:

SAB BRÜCKSKES · D-VIERSEN · 07752501 25 x 0,14 mm<sup>2</sup> SD 960 26 AWG/25c 07752625 AWM Style 21083 80°C 300V 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>	PVC, TM2 acc. to EN 50363-3 + VDE 0207-363-3
<b>Sheath colour:</b>	black (RAL 9005)

### Technical Data:

<b>Peak operating voltage:</b>	max. 350 V	
<b>Voltage UL:</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>	8 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 -5/+70 °C	<b>UL:</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 VW-1	
<b>Oil resistance:</b>	acc. to our internal standard, see chapter N „Technical Data“	
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union, see chapter N „Technical Data“	

### Outstanding features:



- good flexibility
- small bending radius
- reinforced outer sheath

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
07750201	2 x 0,14	0,11	3,9	2,7	17
07750301	3 x 0,14	0,11	4,1	4,0	21
07750401	4 x 0,14	0,11	4,5	5,4	24
07750501	5 x 0,14	0,11	4,9	6,7	30
07750701	7 x 0,14	0,11	5,7	9,4	41
07751001	10 x 0,14	0,11	6,7	13,4	49
07751401	14 x 0,14	0,11	7,2	18,8	63
07751801	18 x 0,14	0,11	8,2	24,2	84
07752501	25 x 0,14	0,11	10,1	33,6	116
07750202	2 x 0,25	0,11	4,2	4,8	22
07750302	3 x 0,25	0,11	4,5	7,2	26
07750402	4 x 0,25	0,11	4,8	9,6	31
07750502	5 x 0,25	0,11	5,3	12,0	38
07750702	7 x 0,25	0,11	6,3	16,8	53

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
07751002	10 x 0,25	0,11	7,3	24,0	65
07751402	14 x 0,25	0,11	8,1	33,6	87
07751802	18 x 0,25	0,11	9,0	43,2	110
07752502	25 x 0,25	0,11	11,0	60,0	152
07750203	2 x 0,34	0,11	4,4	6,5	25
07750303	3 x 0,34	0,11	4,7	9,8	30
07750403	4 x 0,34	0,11	5,1	13,1	36
07750503	5 x 0,34	0,11	5,5	16,3	44
07750703	7 x 0,34	0,11	6,6	22,8	61
07751003	10 x 0,34	0,11	7,9	32,6	79
07751403	14 x 0,34	0,11	8,5	45,7	102
07751803	18 x 0,34	0,11	9,5	58,8	130
07752503	25 x 0,34	0,11	11,7	81,6	179

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 grey outer sheath  
and coloured cores  
with reference to DIN 47100