

# CABLE TRACK CABLES

## SD 86 Continuously flexible PVC data cable with coloured cores

BRÖCKSKES · D-VIERSEN · SD 86 25 x 0,25 mm<sup>2</sup> CE



B  
8

Marking for SD 86 37722502:

SAB BRÖCKSKES · D-VIERSEN · SD 86 25 x 0,25 mm<sup>2</sup> CE

### Construction:

<b>Conductor:</b>	bare copper strands, extra fine wires
<b>Insulation:</b>	PVC, TI2 acc. to DIN VDE 0281 part 1 + HD 21.1
<b>Colour code:</b>	with reference to DIN 47100
<b>Stranding:</b>	specially adjusted layering with non-woven tape over each layer
<b>Sheath material:</b>	PVC, TM2 acc. to DIN VDE 0281 part 1 + HD 21.1, reinforced wall thickness
<b>Sheath colour:</b>	grey (RAL 7032)

### Outstanding features:

- very good flexibility
- small bending radius
- reinforced outer sheath
- EAC approval

### Technical data:

<b>Peak operating voltage:</b>	max. 350 V acc. to DIN VDE
<b>Testing voltage U:</b>	1500 V acc. to DIN VDE 0472 part 509
<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>	-30/+70 °C
<i>flexible application:</i>	-5/+70 °C
<b>Fire performance:</b>	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2
<b>Oil resistance:</b>	acc. to our internal standard see page N/15
<b>Chem. resistance:</b>	see page N/11
<b>Flexibility:</b>	very good
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page N/17

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
37720201	2 x 0,14	0,11	3,1	2,7	13
37720301	3 x 0,14	0,11	3,3	4,0	15
37720401	4 x 0,14	0,11	3,5	5,4	17
37720501	5 x 0,14	0,11	3,8	6,7	21
37720701	7 x 0,14	0,11	4,4	9,4	29
37721001	10 x 0,14	0,11	5,4	13,4	37
37721201	12 x 0,14	0,11	5,6	16,1	42
37721401	14 x 0,14	0,11	5,8	18,8	47
37721801	18 x 0,14	0,11	6,4	24,2	59
37722501	25 x 0,14	0,11	7,8	33,6	79
37720202	2 x 0,25	0,11	3,4	4,8	16
37720302	3 x 0,25	0,11	3,6	7,2	19
37720402	4 x 0,25	0,11	3,9	9,6	23
37720502	5 x 0,25	0,11	4,2	12,0	28
37720702	7 x 0,25	0,11	4,9	16,8	39

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
37721002	10 x 0,25	0,11	6,0	24,0	51
37721202	12 x 0,25	0,11	6,2	28,8	58
37721402	14 x 0,25	0,11	6,5	33,6	66
37721802	18 x 0,25	0,11	7,2	43,2	84
37722502	25 x 0,25	0,11	8,7	60,0	111
37720203	2 x 0,34	0,11	4,0	6,5	22
37720303	3 x 0,34	0,11	4,2	9,8	27
37720403	4 x 0,34	0,11	4,6	13,1	30
37720503	5 x 0,34	0,11	5,0	16,3	40
37720703	7 x 0,34	0,11	6,1	22,8	53
37721003	10 x 0,34	0,11	7,3	32,6	72
37721203	12 x 0,34	0,11	7,5	39,2	83
37721403	14 x 0,34	0,11	7,9	45,7	94
37721803	18 x 0,34	0,11	8,8	58,8	119
37722503	25 x 0,34	0,11	10,9	81,6	165

Other dimensions and colours are possible on request.



On request also  
possible in dimensions  
**0,50 mm<sup>2</sup>**  
and  
**0,75 mm<sup>2</sup>!**