

# Cable Track Cable

## SD 90

continuously flexible PVC/PUR data cable with coloured cores



BRÖCKSKES · D-VIERSEN · SD 90 25 x 0,25 mm<sup>2</sup> CE



marking example:

SAB BRÖCKSKES · D-VIERSEN · SD 90 25 x 0,25 mm<sup>2</sup> CE

### Construction:

<b>Conductor:</b>	bare copper strands, extra fine wires
<b>Insulation:</b>	PVC, T12 acc. to EN 50363-3 + VDE 0207-363-3
<b>Colour code:</b>	with reference to DIN 47100
<b>Stranding:</b>	specially adjusted layering with non-woven tape over each layer
<b>Wrapping:</b>	non-woven tape
<b>Sheath material:</b>	PUR, TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2 with mat surface
<b>Sheath colour:</b>	grey (RAL 7032)

### Technical Data:

<b>Peak operating voltage:</b>	max. 350 V acc. to VDE 0812
<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>	-30/+70 °C
<i>flexible application:</i>	-5/+70 °C
<b>Oil resistance:</b>	very good - TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
<b>Chem. resistance:</b>	good against acids, alkalines, solvents, hydraulic liquids etc.
<b>Flexibility:</b>	very good
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union, see chapter N „Technical data“

### Outstanding features:

- » oil resistant
- » improved abrasion resistance
- » high tear resistance
- » good chemical resistance
- » increased efficiency

item no.	no. of cores x cross section n x mm <sup>2</sup>	largest single wire ø mm	outer-ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
07780201	2 x 0,14	0,11	3,3	2,7	12
07780301	3 x 0,14	0,11	3,5	4,0	14
07780401	4 x 0,14	0,11	3,7	5,4	17
07780501	5 x 0,14	0,11	4,0	6,7	20
07780701	7 x 0,14	0,11	4,6	9,4	27
07781201	12 x 0,14	0,11	5,5	16,1	38
07781801	18 x 0,14	0,11	6,3	24,2	54
07782501	25 x 0,14	0,11	7,5	33,6	70
07780202	2 x 0,25	0,11	3,5	4,8	15
07780302	3 x 0,25	0,11	3,8	7,2	19
07780402	4 x 0,25	0,11	4,1	9,6	23
07780502	5 x 0,25	0,11	4,4	12,0	28

item no.	no. of cores x cross section n x mm <sup>2</sup>	largest single wire ø mm	outer-ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
07780702	7 x 0,25	0,11	5,1	16,8	38
07781202	12 x 0,25	0,11	6,1	28,8	54
07781802	18 x 0,25	0,11	7,1	43,2	78
07782502	25 x 0,25	0,11	8,6	60,0	106
07780203	2 x 0,34	0,11	4,2	6,5	21
07780303	3 x 0,34	0,11	4,4	9,8	25
07780403	4 x 0,34	0,11	4,8	13,1	31
07780503	5 x 0,34	0,11	5,2	16,3	38
07780703	7 x 0,34	0,11	6,1	22,8	52
07781203	12 x 0,34	0,11	7,3	39,2	74
07781803	18 x 0,34	0,11	8,8	58,8	112
07782503	25 x 0,34	0,11	10,4	81,6	147

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>