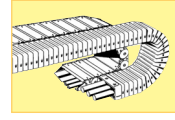


# High Flexible cables for power chain application



Bending radius :  
5 x d

## SD 200 연속적인 움직임 / 초유연성 TPE-PUR 데이터 케이블 / 칼라코어



RoHS

Marking for SD 200 07742501  
SAB BROCKSKES D-VIERSEN SD 200 25 x 0,14 mm<sup>2</sup> CE

### Construction (케이블구성)

<b>Conductor</b> (도체)	bare copper strands, extra fine wires
<b>Insulation</b> (내피재질)	TPE 510
<b>Core code</b> (코어식별)	with reference to DIN 47100
<b>Stranding</b> (도체연선)	specially adjusted layering with non-woven tape over the outer layer
<b>Sheath material</b> (외피재질)	PUR, TPU acc. to DIN VDE 0282 part 10 + HD 22.10 with mat surface
<b>Sheath colour</b> (외피색상)	grey (RAL 7032)

### Outstanding features (특징)

- ▶ labs uncritical  
(labs = enamel moisturing interfering substances)
- ▶ flexible at low temperatures
- ▶ halogen-free
- ▶ travel > 10 m is possible
- ▶ high abrasion resistance (내마모성 강화)
- ▶ small outer diameter (작은외경)
- ▶ flame retardant sheath material

### Technical data (기술사양)

<b>Peak operating voltage</b> (최고사용전압)	max. 350V acc. to DIN VDE
<b>Testing voltage</b> (시험전압)	1500V acc. to DIN VDE 0472 part 509
<b>Min. bending radius</b> (곡률반경) continuously flexible	5 x d
<b>Radiation resistance</b> (내방사성)	5 x 10 <sup>6</sup> cJ/kg
<b>Temperature range</b> (사용온도) fixed laying flexible application	-50 / +90°C -40 / +90°C
<b>Halogen-free</b> (할로겐프리)	acc. to DIN VDE 0472 part 815 and IEC 60754-1
<b>Oil resistance</b> (내유성)	very good - TPU acc. to DIN VDE 0282 part 10 + HD 22.10
<b>Chem. resistance</b> (내화성관련)	good against acids, alkalines, solvents, hydraulic liquids etc.
<b>Continuous flexibility</b>	very good
<b>Weather resistance</b> (내후성)	very good
<b>Absence of harmful substances</b>	acc. to RoHS-guideline 2002 / 95 / EG as well as GefStoffv appendix IV-no.24

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
07740201	2 x 0,14	0,11	3,2	2,7	11
07740301	3 x 0,14	0,11	3,3	4,0	13
07740401	4 x 0,14	0,11	3,6	5,4	15
07740501	5 x 0,14	0,11	3,8	6,7	18
07740701	7 x 0,14	0,11	4,4	9,4	24
07741001	10 x 0,14	0,11	5,1	13,4	30
07741201	12 x 0,14	0,11	5,2	16,1	34
07741401	14 x 0,14	0,11	5,5	18,8	38
07741801	18 x 0,14	0,11	6,0	24,2	48
07742501	25 x 0,14	0,11	7,1	33,6	63
07743201	32 x 0,14	0,11	7,6	43,0	78
07740202	2 x 0,25	0,11	3,5	4,8	15
07740302	3 x 0,25	0,11	3,7	7,2	18
07740402	4 x 0,25	0,11	3,9	9,6	21
07740502	5 x 0,25	0,11	4,2	12,0	25
07740702	7 x 0,25	0,11	4,9	16,8	34
07741002	10 x 0,25	0,11	5,7	24,0	43

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
07741202	12 x 0,25	0,11	5,8	28,8	49
07741402	14 x 0,25	0,11	6,1	33,6	56
07741802	18 x 0,25	0,11	6,8	43,2	71
07742502	25 x 0,25	0,11	8,1	60,0	94
07743202	32 x 0,25	0,11	8,8	76,8	120
07740203	2 x 0,34	0,11	3,7	6,5	17
07740303	3 x 0,34	0,11	3,9	9,8	21
07740403	4 x 0,34	0,11	4,2	13,1	25
07740503	5 x 0,34	0,11	4,5	16,3	30
07740703	7 x 0,34	0,11	5,2	22,8	41
07741003	10 x 0,34	0,11	6,1	32,6	52
07741203	12 x 0,34	0,11	6,3	39,2	60
07741403	14 x 0,34	0,11	6,6	45,7	69
07741803	18 x 0,34	0,11	7,3	58,8	87
07742503	25 x 0,34	0,11	8,9	81,6	119
07743203	32 x 0,34	0,11	9,5	104,4	149

Other dimensions and colours are possible on request.



On request also  
possible in dimensions  
0.50 mm<sup>2</sup> and 1.5 mm<sup>2</sup> !

#### Note

- ✓ 작은 곡률반경
- ✓ 고속형 자동화용 데이터케이블
- ✓ 내마모성 강화
- ✓ -40°C ~ +90°C(저온사용)
- ✓ 할로겐프리