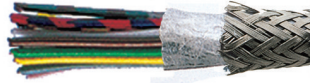


# High Flexible cables for power chain application

유연성 / PVC 데이터 케이블 / 구리망섀드 / 칼라코어 / 자동화용 **SD 86 C**

RoHS



SAB BRÖSKES D-VIERSEN SD 86 C CE RoHS

Marking for SD C 86 07722502  
SAB BRÖSKES D-VIERSEN SD 86 C 25 x 0,25 mm<sup>2</sup> CE

## Construction (케이블구성)

<b>Conductor</b> (도체)	bare copper strands, extra fine wires
<b>Insulation</b> (내피재질)	PVC TI2 acc. to DIN VDE 0281 part 1 + HD 21,1
<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>Screen</b> (섀드형식)	tinned copper braiding
<b>Sheath material</b> (외피복)	TM 2 acc. to DIN VDE 0281 part 1 + HD 21,1
<b>Sheath colour</b> (외피색상)	grey (RAL 7032)

## Outstanding features (특징)

- ▶ verygood flexibility (초유성)
- ▶ good EMC characteristics (탁월한 EMC기능)
- ▶ small bending radius (최소곡률반경)
- ▶ reinforced outer sheath (특강화 외피)

## Technical data (기술사양)

<b>Peak operating voltage</b> (최고사용전압)	max. 350 V acc. to DINVDE
<b>Testing voltage</b> (시험전압)	1500 V acc. to DINVDE 0472 part 509 core/screen 1200 V
<b>Min. bending radius</b> (곡률반경) continuously flexible	7.5 x d
<b>Radiation resistance</b> (내방사성)	8 x 10 <sup>7</sup> cJ/kg
<b>Temperature range</b> (사용온도) fixed laying flexible application	-30/+70°C - 5/+70°C
<b>Fire performance</b> (내화성관련)	flame retardant and self-extinguishing acc. to IEC 60332-1 + EN 50265-2-1 + VDE 0482 part 265-2-1
<b>Oil resistance</b> (내유성)	acc. to internal standard
<b>Chem. resistance</b> (내화학성)	별첨 참조
<b>Flexibility</b> (유연성)	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 f m m	outer-l - 5% mm	copper figure kg/km	cable weight ≈ kg/km
37820201	2 x 0,14	0,10	3,6	11,6	19
37820301	3 x 0,14	0,10	3,8	14,4	21
37820401	4 x 0,14	0,10	4,0	15,7	24
37820501	5 x 0,14	0,10	4,3	18,8	30
37820701	7 x 0,14	0,10	5,1	23,4	40
37821201	12 x 0,14	0,10	6,1	33,8	55
37821801	18 x 0,14	0,10	6,7	45,5	74
37822501	25 x 0,14	0,10	8,5	59,8	103
37820202	2 x 0,25	0,10	3,9	15,1	22
37820302	3 x 0,25	0,10	4,1	18,3	28
37820402	4 x 0,25	0,10	4,4	21,7	32
37820502	5 x 0,25	0,10	4,9	25,9	39

item no.	no. of cores x cross section n x mm <sup>2</sup>	largest single wire f m m	outer-l - 5% mm	copper figure kg/km	cable weight ≈ kg/km
37820702	7 x 0,25	0,10	5,6	32,9	51
37821202	12 x 0,25	0,10	6,8	48,5	72
37821802	18 x 0,25	0,10	7,8	67,0	100
37822502	25 x 0,25	0,10	9,6	89,1	137
37820203	2 x 0,34	0,10	4,5	18,7	28
37820303	3 x 0,34	0,10	4,9	23,7	36
37820403	4 x 0,34	0,10	5,3	27,1	43
37820503	5 x 0,34	0,10	5,7	32,3	51
37820703	7 x 0,34	0,10	6,7	42,4	65
37821203	12 x 0,34	0,10	8,4	63,0	103
37821803	18 x 0,34	0,10	9,7	87,9	143
37822503	25 x 0,34	0,10	11,6	136,0	199

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>!**