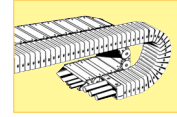


High Flexible cables for power chain application



신개발품
장수명PVC케이블

SD 86 유연성 / PVC 데이터 케이블 / 칼라코어 / 자동화용

SAB BRÖCKSKES D-VIERSEN SD 86 25 x 0,25 mm² CE RoHS



RoHS

Marking for SD 86 07722502

SAB BRÖCKSKES D-VIERSEN SD 86 25 x 0,25 mm² CE

Construction (케이블구성)

Conductor (도체)	bare copper strands, extra fine wires
Insulation (내피재질)	PVC TI2 acc. to DIN VDE 0281 part 1 + HD 21.1
Core code (코어식별)	with reference to DIN 47100
Stranding (도체연선)	specially adjusted layering with non-woven tape over each layer
Sheath material (외피재질)	PVC TM2 acc. to DIN VDE 0281 part 1 + HD 21.1, reinforced wall thickness
Sheath colour (외피색상)	grey (RAL 7032)

Outstanding features (특징)

- ▶ very good flexibility (초유연성)
- ▶ small bending radius (최소곡률반경)
- ▶ reinforced outer sheath (특강화 외피)

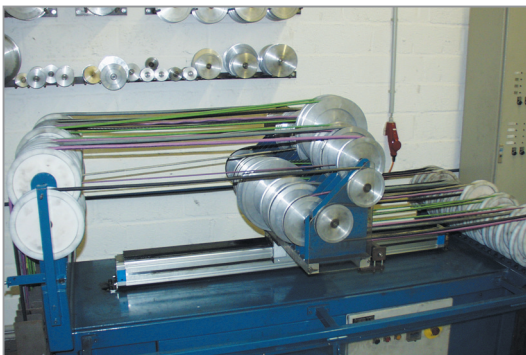
Technical data (기술사양)

Peak operating voltage (최고사용전압)	max. 350V acc. to DIN VDE
Testing voltage (시험전압)	1500V acc. to DIN VDE 0472 part 509
Min. bending radius (곡률반경) continuously flexible	7.5 x d
Radiation resistance (내방사성)	8 x 10 ⁷ cJ/kg
Temperature range (사용온도) fixed laying flexible application	-30 / +70°C - 5 / +70°C
Fire performance (내화성관련)	flame retardant and self-extinguishing acc. to IEC 60332-1 + EN 50265-2-1 + VDE 0482 part 265-2-1
Oil resistance (내유성)	acc. to internal standard
Chem. resistance (내화학성)	별첨 참조
Flexibility (유연성)	very good
Absence of harmful substances	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 ²	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
37720201	2 x 0,14	0,10	3,1	2,7	13
37720301	3 x 0,14	0,10	3,3	4,0	15
37720401	4 x 0,14	0,10	3,5	5,4	17
37720501	5 x 0,14	0,10	3,8	6,7	21
37720701	7 x 0,14	0,10	4,4	9,4	29
37721001	10 x 0,14	0,10	5,4	13,4	37
37721201	12 x 0,14	0,10	5,6	16,1	42
37721401	14 x 0,14	0,10	5,8	18,8	47
37721801	18 x 0,14	0,10	6,4	24,2	59
37722501	25 x 0,14	0,10	7,8	33,6	79
37720202	2 x 0,25	0,10	3,4	4,8	16
37720302	3 x 0,25	0,10	3,6	7,2	19
37720402	4 x 0,25	0,10	3,9	9,6	23
37720502	5 x 0,25	0,10	4,2	12,0	28
37720702	7 x 0,25	0,10	4,9	16,8	39

item no.	no. of cores x cross section n x mm ²	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
37721002	10 x 0,25	0,10	6,0	24,0	51
37721202	12 x 0,25	0,10	6,2	28,8	58
37721402	14 x 0,25	0,10	6,5	33,6	66
37721802	18 x 0,25	0,10	7,2	43,2	84
37722502	25 x 0,25	0,10	8,7	60,0	111
37720203	2 x 0,34	0,10	4,0	6,5	22
37720303	3 x 0,34	0,10	4,2	9,8	27
37720403	4 x 0,34	0,10	4,6	13,1	30
37720503	5 x 0,34	0,10	5,0	16,3	40
37720703	7 x 0,34	0,10	6,1	22,8	53
37721003	10 x 0,34	0,10	7,3	32,6	72
37721203	12 x 0,34	0,10	7,5	39,2	83
37721403	14 x 0,34	0,10	7,9	45,7	94
37721803	18 x 0,34	0,10	8,8	58,8	119
37722503	25 x 0,34	0,10	10,9	81,6	165

Other dimensions and colours are possible on request.



Tip

On request also
possible in dimensions
0.50 mm² and 1.5 mm² !