

High Flexible cables for power chain application

연속적인 움직임 / PUR 데이터 케이블 / 칼라코어 **SD 90**

RoHS



Marking for SD 90 07782502
SAB BROCKSKES D-VIERSEN SD 90 25 x 0,25 mm² CE

Construction (케이블구성)

Conductor (도체)	bare copper strands, extra fine wires
Insulation (내피재질)	PVC, T12 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 the outer layer
Sheath material (외피재질)	TMPU acc. to DIN VDE 0282 part 10 + HD 22.10 with mat surface
Sheath colour (외피색상)	grey (RAL 7032)

Outstanding features (특징)

- ▶ oil resistant (내유성)
- ▶ improved abrasion resistance (내마모성 강화)
- ▶ high tear resistance (피복강화-찢겨지지 않음)
- ▶ good chemical resistance (극 내화학성)
- ▶ increased efficiency (향상된 품질)

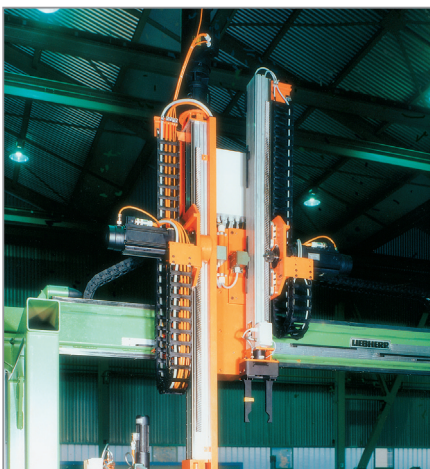
Technical data (기술사양)

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)	5 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)	very good - TMPU acc. to DIN VDE 0282 part 10 + HD 22.10
Chem. resistance (내화학성)	good against acids, alkalines, solvents, hydraulic liquids etc.
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
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 ²	largest single wire ø mm	outer-ø ± 5% 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.



On request also
possible in dimensions
0.50 mm² and 0.75 mm² !

Note

- ✓ 강한 외피 (찢겨지지 않음)
- ✓ 매트형 표면 피복