



# Flexible Control Cables

PVC control cable / numbered Core / Overall Aluminum Tape Screen

## SAVAFLEX - 1050 AMS

RoHS



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### Construction (케이블구성)

<b>Conductor</b> (도체)	bare copper strands acc. to DIN VDE 0295 class 5+ IEC 60228 class 5 + HD 383 class 5
<b>Insulation</b> (내피재질)	PVC, T12 acc. to DIN VDE 0281 part 1 + HD 21.1
<b>Core code</b> (코어식별)	black cores with consecutive numbers acc. to DIN VDE + HD 186; green-yellow earth wire from 3 cores
<b>Stranding</b> (도체연선)	in layers
<b>Screen</b> (필드형식)	Overall aluminum tape screen
<b>Sheath material</b> (외피재질)	PVC, TM2 acc. to DIN VDE 0281 part 1 + HD 21.1
<b>Sheath colour</b> (외피색상)	grey (RAL 7000)

### Technical data (기술사양)

<b>Nominal voltage</b> (사용전압)	U <sub>0</sub> /U 300/500V
<b>Testing voltage</b> (시험전압)	4000V acc. to DIN VDE 0472 part 508; core/screen 1000V
<b>Min. bending radius</b> (곡률반경)	fixed laying 5 x d flexible application 10 x d
<b>Temperature range</b> (사용온도)	fixed laying -30°C / +70°C flexible application -5°C / +70°C
<b>Fire performance</b> (내화성관련)	flame retardant and self-extinguishing acc. to IEC 60332-1, IEC 60332-3
<b>Absence of harmful substances</b>	acc. to RoHS-guideline 2002/95/EG/ as well as GefStoffV appendix IV-no. 24

### Outstanding features (특징)

- ▶ 정전차폐성 우수
- ▶ small outer diameter (작은 외경)
- ▶ small bending radius (작은 곡률반경)
- ▶ Drain wire

Size	single wire	diameter	copper wt	total wt
1 x 2 x 1.0	0,21	6,2	24	50
2 x 2 x 1.0	0,21	9,4	43	90
3 x 2 x 1.0	0,21	10,2	62	123
5 x 2 x 1.0	0,21	12,5	101	189
8 x 2 x 1.0	0,21	14,4	158	280
10 x 2 x 1.0	0,21	16,7	197	356
12 x 2 x 1.0	0,21	17,3	235	412
15 x 2 x 1.0	0,21	18,7	293	505
18 x 2 x 1.0	0,21	20,2	350	599
1 x 2 x 1.5	0,26	6,8	36	65
2 x 2 x 1.5	0,26	10,4	65	118
3 x 2 x 1.5	0,26	11,3	94	163
5 x 2 x 1.5	0,26	13,9	151	253
8 x 2 x 1.5	0,26	16,2	238	386
10 x 2 x 1.5	0,26	18,6	295	480
12 x 2 x 1.5	0,26	19,5	353	566
15 x 2 x 1.5	0,26	21,2	439	694
18 x 2 x 1.5	0,26	23,0	526	835
20 x 2 x 1.5	0,26	24,4	727	1100
1 x 3 x 1.5	0,26	7,4	50	90
2 x 3 x 1.5	0,26	12,5	94	168
3 x 3 x 1.5	0,26	13,5	137	233
5 x 3 x 1.5	0,26	16,7	223	371
8 x 3 x 1.5	0,26	22,3	353	593
10 x 3 x 1.5	0,26	24,2	439	726
12 x 3 x 1.5	0,26	25,4	526	864



Thomas Cable