Flexible Power and control Cables

SAVAFLEX-1000

PVC절연,시스/숫자코어

CE RoHS

Construction (케이블구성)

Conductor (도체)	Bare copper strands acc. to IEC 60228 Class 5
Insulation (절연)	PVC
Core identification (선심식별)	Black cores with consecutive numbers green-yellow earth wire from 3 cores
Assembly/Cabling (코어연합)	Required cores shall be assembled
Sheath (시스)	PVC Grey (RAL 7001)

Technical data (기술사양)

Uo/U (사용전압)	300/500V
Testing voltage (시험전압)	4,000V / 5min.
Min. bending radius (곡률반경)	15 x d
Temperature range (사용온도)	-5℃/+70℃
Fire performance (난연성)	Flame retardant acc. to IEC 60332-1-2

No. of cores x cross-sectional area (No. x ㎟)	Diameter of wire (㎜)	Diameter of cable Nom. (㎜)	Copper weight Approx. (㎏/㎞)	Cable weight Approx. (㎏/㎞)
2 x 0.5	0.21	5.1	9.6	37
3 x 0.5	0.21	5.4	14.4	43
4 x 0.5	0.21	5.8	19.2	52
5 x 0.5	0.21	6.5	24.0	64
7 x 0.5	0.21	7.1	33.6	80
8 x 0.5	0.21	8.3	38.4	99
9 x 0.5	0.21	8.8	43.2	110
10 x 0.5	0.21	9.2	48.0	117
12 x 0.5	0.21	9.5	57.6	132
14 x 0.5	0.21	9.9	67.2	148
16 x 0.5	0.21	10.6	76.8	171
18 x 0.5	0.21	11.2	86.4	189
21 x 0.5	0.21	12.4	100.8	225
25 x 0.5	0.21	13.6	120.0	260
30 x 0.5	0.21	14.0	144.0	298
34 x 0.5	0.21	15.3	163.2	341
40 x 0.5	0.21	16.5	192.0	399
42 x 0.5	0.21	16.5	201.6	414
50 x 0.5	0.21	18.1	240.0	485
61 x 0.5	0.21	19.4	292.8	529
68 x 0.5	0.21	20.4	312.0	619
80 x 0.5	0.21	22.2	384.0	752
2 x 0.75	0.21	5.7	14.4	47

No. of cores x cross-sectional area (No. x ㎟)	Diameter of wire (㎜)	Diameter of cable Nom. (㎜)	Copper weight Approx. (㎏/㎞)	Cable weight Approx. (㎏/㎞)
3 x 0.75	0.21	6.2	21.6	59
4 x 0.75	0.21	6.7	28.8	71
5 x 0.75	0.21	7.3	36.0	84
7 x 0.75	0.21	8.2	50.4	110
8 x 0.75	0.21	9.6	57.6	136
9 x 0.75	0.21	10.2	64.8	152
10 x 0.75	0.21	10.6	72.0	159
12 x 0.75	0.21	10.9	86.4	181
14 x 0.75	0.21	11.4	100.8	203
16 x 0.75	0.21	12.2	115.2	234
18 x 0.75	0.21	12.9	129.6	258
21 x 0.75	0.21	14.3	151.2	305
25 x 0.75	0.21	15.6	180.0	354
30 x 0.75	0.21	16.3	216.0	417
34 x 0.75	0.21	17.8	244.8	473
40 x 0.75	0.21	19.0	288.0	546
42 x 0.75	0.21	19.0	302.4	565
50 x 0.75	0.21	21.0	360.0	672
61 x 0.75	0.21	22.5	439.2	803
65 x 0.75	0.21	23.9	468.0	869
80 x 0.75	0.21	25.7	576.0	1,040
2 x 1.0	0.21	5.9	19.2	53
3 x 1.0	0.21	6.4	28.8	67

Flexible Power and control Cables

No. of cores x cross-sectional area (No. x mm²)	Diameter of wire (mm)	Diameter of cable Nom. (mm)	Copper weight Approx. (kg/km)	Cable weight Approx. (kg/km)
4 x 1.0	0.21	7.0	38.4	82
5 x 1.0	0.21	7.8	48.0	101
7 x 1.0	0.21	8.5	67.2	128
8 x 1.0	0.21	9.9	76.8	157
9 x 1.0	0.21	10.8	86.4	181
10 x 1.0	0.21	11.0	96.0	189
12 x 1.0	0.21	11.3	115.2	211
14 x 1.0	0.21	12.1	124.4	244
15 x 1.0	0.21	12.3	132.5	267
16 x 1.0	0.21	12.7	153.6	273
18 x 1.0	0.21	13.6	172.8	309
20 x 1.0	0.21	13.8	177.0	363
21 x 1.0	0.21	15.0	201.6	363
25 x 1.0	0.21	16.4	240.0	422
30 x 1.0	0.21	17.0	288.0	488
34 x 1.0	0.21	18.5	326.4	556
40 x 1.0	0.21	19.9	384.0	651
42 x 1.0	0.21	19.9	403.2	677
50 x 1.0	0.21	21.9	480.0	792
61 x 1.0	0.21	23.6	585.6	959
65 x 1.0	0.21	24.8	624.0	1,024
80 x 1.0	0.21	27.0	768.0	1,243
21 x 1.0	0.21	15.0	201.6	363
25 x 1.0	0.21	16.4	240.0	422
30 x 1.0	0.21	17.0	288.0	488
34 x 1.0	0.21	18.5	326.4	556
40 x 1.0	0.21	19.9	384.0	651
42 x 1.0	0.21	19.9	403.2	677
50 x 1.0	0.21	21.9	480.0	792
61 x 1.0	0.21	23.6	585.6	959
65 x 1.0	0.21	24.8	624.0	1,024
80 x 1.0	0.21	27.0	768.0	1,243
2 x 1.5	0.26	6.7	28.8	71
3 x 1.5	0.26	7.1	43.2	87
4 x 1.5	0.26	7.9	57.6	109
5 x 1.5	0.26	8.6	72.0	130
7 x 1.5	0.26	9.6	100.8	172
8 x 1.5	0.26	11.2	115.2	210
9 x 1.5	0.26	12.2	129.6	234
10 x 1.5	0.26	12.4	144.0	246
12 x 1.5	0.26	12.8	172.8	282
14 x 1.5	0.26	13.6	201.6	325
16 x 1.5	0.26	14.3	230.4	365
18 x 1.5	0.26	15.3	259.2	413
21 x 1.5	0.26	16.9	302.4	486
25 x 1.5	0.26	18.5	360.0	570
30 x 1.5	0.26	19.3	432.0	669

No. of cores x cross-sectional area (No. x mm²)	Diameter of wire (mm)	Diameter of cable Nom. (mm)	Copper weight Approx. (kg/km)	Cable weight Approx. (kg/km)
34 x 1.5	0.26	21.0	489.6	760
40 x 1.5	0.26	22.6	576.0	891
42 x 1.5	0.26	22.6	604.8	926
50 x 1.5	0.26	24.8	720.0	1,089
61 x 1.5	0.26	26.7	878.5	1,315
65 x 1.5	0.26	28.3	936.0	1,419
80 x 1.5	0.26	30.5	1152.0	1,709
2 x 2.5	0.26	8.1	48.0	107
3 x 2.5	0.26	8.6	72.0	133
4 x 2.5	0.26	9.5	96.0	166
5 x 2.5	0.26	10.6	120.0	205
7 x 2.5	0.26	11.6	168.0	264
8 x 2.5	0.26	13.8	192.0	327
9 x 2.5	0.26	14.9	216.0	368
10 x 2.5	0.26	15.2	240.0	384
12 x 2.5	0.26	15.7	288.0	441
14 x 2.5	0.26	16.6	336.0	508
16 x 2.5	0.26	17.5	384.0	572
18 x 2.5	0.26	18.7	432.0	641
21 x 2.5	0.26	20.9	504.0	766
25 x 2.5	0.26	22.8	600.0	888
3 x 4	0.31	10.2	115.2	196
4 x 4	0.31	11.3	153.6	247
5 x 4	0.31	12.6	192.0	305
7 x 4	0.31	13.9	268.8	400
3 x 6	0.31	12.1	172.8	286
4 x 6	0.31	13.2	230.4	353
5 x 6	0.31	14.9	288.0	443
7 x 6	0.31	16.4	403.2	580
10 x 6	0.31	20.8	487.2	845
20 x 6	0.31	27.6	974.4	1,618
4 x 10	0.41	17.1	384.0	600
5 x 10	0.41	19.3	480.0	750
6 x 10	0.41	20.4	526.5	902
7 x 10	0.41	21.2	672.0	981
4 x 16	0.41	21.1	614.4	918
5 x 16	0.41	23.6	768.0	1,138
6 x 16	0.41	26.3	823.4	1,454
7 x 16	0.41	26.0	1075.2	1,494
4 x 25	0.41	25.5	960.0	1,438
5 x 25	0.41	28.6	1200.0	1,803
6 x 25	0.41	31.1	1307.8	2,159
7 x 25	0.41	31.6	1680.0	2,362
4 x 35	0.41	29.5	1344.0	1,985
5 x 35	0.41	32.9	1680.0	2,483
7 x 35	0.41	36.4	2352.0	3,259
4 x 50	0.41	33.9	1920.0	2,714