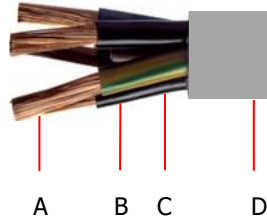
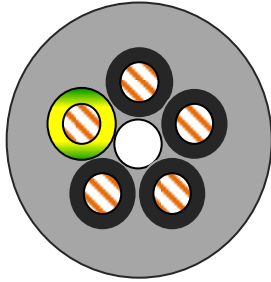


POWER CABLE

0.6/1kV SAVAFLEX-1000



0.6/1kV SAVAFLEX-1000 5X4mm² CE RoHS

APPLICATION / CHARACTERISTICS

- 공구설비, 생산라인, 플랜트 및 압연 공장에서의 전원 제어용으로 적용
- 건조하고 습한 환경 및 옥내/외에서 적용
- 인장하중 없이 자유롭게 비연속적으로 반복적인 고정 설치 공간

CABLE STANDARDS

Reference standard : IEC 60502-1

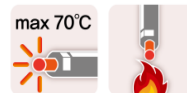


CONSTRUCTION

A) Conductor	Bare copper wires, Class 5
B) Insulation	PVC
Core Identification	Black cores with consecutive numbers yellow/green earth wire from 3 cores
C) Assembly	Required cores shall be assembled
D) Sheath	PVC
Sheath Colour	Grey (RAL 7001)

TECHNICAL DATA

Rated voltage	0.6/1kV
Test voltage	3,500V/5min.
Min. bending radius	5 x D (Fixed)
Temperature range	-30 ~ 70 °C (Fixed)
Flame retardant	IEC 60332-1-2 IEC 60332-3-24



No. of cores x cross-sectional area (No. x mm ²)	Diameter of wire Max. (mm)	Diameter of cable Nom. (mm)	Copper weight Approx. (kg/km)	Cable weight Approx. (kg/km)
2 x 0.5	0.21	8.8	9.2	100.3
3 x 0.5	0.21	9.2	13.7	112.4
4 x 0.5	0.21	9.9	18.3	133.7
5 x 0.5	0.21	10.6	22.8	157.4
7 x 0.5	0.21	11.4	32.0	177.7
10 x 0.5	0.21	13.9	45.6	247.8

No. of cores x cross-sectional area (No. x mm ²)	Diameter of wire Max. (mm)	Diameter of cable Nom. (mm)	Copper weight Approx. (kg/km)	Cable weight Approx. (kg/km)
12 x 0.5	0.21	14.3	54.8	268.7
15 x 0.5	0.21	15.7	68.4	324.2
18 x 0.5	0.21	16.5	82.1	376.7
21 x 0.5	0.21	17.3	95.8	413.9
24 x 0.5	0.21	19.1	109.5	483.9
25 x 0.5	0.21	19.1	114.0	489.5

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**POWER
CABLE**

0.6/1kV SAVAFLEX-1000

No. of cores x cross-sectional area (No. x mm ²)	Diameter of wire Max. (mm)	Diameter of cable Nom. (mm)	Copper weight Approx. (kg/km)	Cable weight Approx. (kg/km)	No. of cores x cross-sectional area (No. x mm ²)	Diameter of wire Max. (mm)	Diameter of cable Nom. (mm)	Copper weight Approx. (kg/km)	Cable weight Approx. (kg/km)
30 x 0.5	0.21	20.1	136.8	557.7	34 x 1.0	0.21	24.2	300.3	885.5
32 x 0.5	0.21	20.9	145.9	600.5	36 x 1.0	0.21	24.2	318.0	904.2
34 x 0.5	0.21	21.6	155.0	644.2	2 x 1.5	0.26	9.9	24.1	137.6
36 x 0.5	0.21	21.6	164.2	655.2	3 x 1.5	0.26	10.4	36.1	158.9
2 x 0.75	0.21	9.1	13.2	110.2	4 x 1.5	0.26	11.2	48.1	191.8
3 x 0.75	0.21	9.6	19.7	126.3	5 x 1.5	0.26	12.1	60.1	230.5
4 x 0.75	0.21	10.3	26.3	150.2	7 x 1.5	0.26	13.1	84.2	268.1
5 x 0.75	0.21	11.1	32.8	179.5	10 x 1.5	0.26	16.2	120.2	379.6
7 x 0.75	0.21	11.9	45.9	203.2	12 x 1.5	0.26	16.7	144.3	417.9
10 x 0.75	0.21	14.6	65.6	285.3	15 x 1.5	0.26	18.4	180.3	509.6
12 x 0.75	0.21	15.1	78.7	311.6	18 x 1.5	0.26	19.3	216.4	597.6
15 x 0.75	0.21	16.6	98.3	377.7	21 x 1.5	0.26	20.4	252.5	664.2
18 x 0.75	0.21	17.4	118.0	439.7	24 x 1.5	0.26	22.5	288.5	775.8
21 x 0.75	0.21	18.3	137.7	485.1	25 x 1.5	0.26	22.5	300.5	788.2
24 x 0.75	0.21	20.1	157.3	566.2	30 x 1.5	0.26	23.8	360.6	908.6
25 x 0.75	0.21	20.1	163.9	573.6	32 x 1.5	0.26	24.7	384.7	977.9
30 x 0.75	0.21	21.3	196.6	657.4	34 x 1.5	0.26	25.6	408.7	1,050.1
32 x 0.75	0.21	22.1	209.7	707.8	36 x 1.5	0.26	25.6	432.7	1,074.4
34 x 0.75	0.21	22.9	222.8	759.6	2 x 2.5	0.26	10.8	40.1	173.2
36 x 0.75	0.21	22.9	235.9	774.2	3 x 2.5	0.26	11.4	60.1	204.4
2 x 1.0	0.21	9.5	17.7	122.9	4 x 2.5	0.26	12.3	80.2	249.2
3 x 1.0	0.21	10.0	26.5	141.3	5 x 2.5	0.26	13.3	100.2	301.4
4 x 1.0	0.21	10.7	35.4	168.0	7 x 2.5	0.26	14.4	140.3	354.7
5 x 1.0	0.21	11.6	44.2	202.8	12 x 2.5	0.26	18.5	240.4	561.3
7 x 1.0	0.21	12.4	61.9	231.0	15 x 2.5	0.26	20.5	300.5	689.3
10 x 1.0	0.21	15.4	88.4	326.7	18 x 2.5	0.26	21.5	360.6	811.4
12 x 1.0	0.21	15.8	106.0	357.3	2 x 4	0.31	12.7	65.4	248.9
15 x 1.0	0.21	17.4	132.5	434.6	3 x 4	0.31	13.4	98.1	295.8
18 x 1.0	0.21	18.3	159.0	508.2	4 x 4	0.31	14.6	130.8	366.8
21 x 1.0	0.21	19.3	185.5	562.7	5 x 4	0.31	15.9	163.5	449.3
24 x 1.0	0.21	21.2	212.0	656.7	7 x 4	0.31	17.2	228.9	530.6
25 x 1.0	0.21	21.2	220.8	666.2	12 x 4	0.31	22.5	392.4	852.7
30 x 1.0	0.21	22.5	265.0	766.1	15 x 4	0.31	24.9	490.4	1,051.3
32 x 1.0	0.21	23.3	282.7	824.3	18 x 4	0.31	26.2	588.5	1,246.3

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No. of cores x cross-sectional area (No. x mm ²)	Diameter of wire Max. (mm)	Diameter of cable Nom. (mm)	Copper weight Approx. (kg/km)	Cable weight Approx. (kg/km)	No. of cores x cross-sectional area (No. x mm ²)	Diameter of wire Max. (mm)	Diameter of cable Nom. (mm)	Copper weight Approx. (kg/km)	Cable weight Approx. (kg/km)
2 x 6	0.31	13.8	97.5	310.4	3 x 16	0.41	19.9	411.8	850.9
3 x 6	0.31	14.6	146.2	374.9	4 x 16	0.41	21.9	549.0	1,083.9
4 x 6	0.31	15.9	194.9	467.4	5 x 16	0.41	24.0	686.3	1,341.8
5 x 6	0.31	17.3	243.6	572.8	7 x 16	0.41	26.3	960.7	1,667.4
7 x 6	0.31	18.8	341.1	687.6	2 x 25	0.41	22.4	436.0	1,012.1
10 x 6	0.31	23.9	487.2	992.6	3 x 25	0.41	23.9	654.0	1,284.4
2 x 10	0.41	15.8	175.5	445.6	4 x 25	0.41	26.3	871.9	1,640.1
3 x 10	0.41	16.8	263.3	551.8	5 x 25	0.41	29.1	1,089.9	2,051.0
4 x 10	0.41	18.4	351.0	697.2	7 x 25	0.41	32.1	1,525.8	2,574.2
5 x 10	0.41	20.1	438.8	860.7	2 x 35	0.41	24.7	597.4	1,293.9
7 x 10	0.41	21.9	614.3	1,051.1	3 x 35	0.41	26.4	896.1	1,658.1
10 x 10	0.41	28.2	877.5	1,535.0	4 x 35	0.41	29.3	1,194.8	2,139.5
2 x 16	0.41	18.7	274.5	676.7	5 x 35	0.41	32.5	1,493.5	2,681.5
					7 x 35	0.41	36.0	2,090.9	3,397.3

Other dimensions and colours are possible on request