KONEKA

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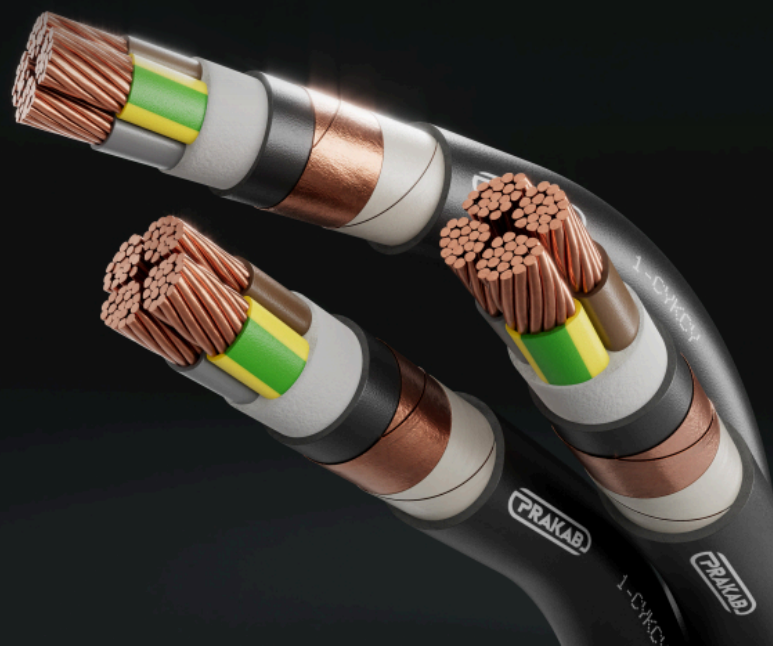

1-CYKCY

PVC/PVC copper energy cables, screened

LOW VOLTAGE CABLES 0,6/1 KV

The cables are designed for fixed distribution of electricity in the ground or in the outdoor environment.

TECHNICAL DATA

Standard
TP PRAKAB 03/07

Certificate
EZÚ Czech Republic

Test Voltage
core/core 4 kV / 50 Hz

Rated Voltage
0.6/1 kV

Bending radius (min.)
12 x Ø of cable up to 15 mm
15 x Ø of cable over 15 mm

Fire properties
ČSN EN 60332-1-2: self-extinguishing
CPR: Eca

Core identification
ČSN 33 0166 ed. 2
ČSN EN 50334

Temperature range
Laying temperature: min. -5°C
Operating temperature: -50°C up to 70°C
Conductor temperature: max. 70°C
Short circuit temperature: max. 160°C

DESIGN

1. Copper conductor, round solid (RE), round stranded (RM) resp. sector-shaped stranded (SM)
2. Core insulation (PVC), cores stranded
3. Inner covering (EPDM or plastic tape)
4. Sheat (PVC black)
5. Screen (Cu tape)
6. Inner covering (plastic tape)
7. Outer covering (PVC black, UV-resistant)

Number of cores x nominal cross-section (mm^2)	Max. conductor resistance (Ω/km)	Current rating in the earth (A)	Current rating in the air (A)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
2 x 1.5 RE	12.1	32	20	12.1	233
3 x 1.5 RE	12.1	27	20	12.6	258
4 x 1.5 RE	12.1	27	20	13.3	286
5 x 1.5 RE	12.1	19	15	14.6	335
7 x 1.5 RE	12.1	16	13	15.5	397
12 x 1.5 RE	12.1	13	10	19.3	589
19 x 1.5 RE	12.1	11	9	22.6	818
24 x 1.5 RE	12.1	9	8	25.6	1027
2 x 2.5 RE	7.41	42	27	12.8	271
3 x 2.5 RE	7.41	36	26	13.8	315
4 x 2.5 RE	7.41	36	26	14.6	359
5 x 2.5 RE	7.41	25	20	15.6	409
7 x 2.5 RE	7.41	22	16	16.5	484
12 x 2.5 RE	7.41	17	13	21.2	760
19 x 2.5 RE	7.41	14	11	24.5	1056
24 x 2.5 RE	7.41	13	10	28.7	1383
2 x 4 RE	4.61	54	37	14.9	362
3 x 4 RE	4.61	47	34	15.2	397
4 x 4 RE	4.61	47	34	16.9	485
5 x 4 RE	4.61	32	26	18.1	549
7 x 4 RE	4.61	28	22	19.4	673
2 x 6 RE	3.08	68	48	15.9	431
3 x 6 RE	3.08	59	44	16.5	483
4 x 6 RE	3.08	59	44	18.0	583
5 x 6 RE	3.08	41	32	19.0	659
7 x 6 RE	3.08	35	28	20.8	843
2 x 10 RE	1.83	90	66	17.3	542
3 x 10 RE	1.83	79	60	17.8	634
4 x 10 RE	1.83	79	60	19.9	779
5 x 10 RE	1.83	55	44	21.1	945
3 x 16 RE	1.15	102	80	20.1	870
4 x 16 RE	1.15	102	80	22.5	1079
5 x 16 RE	1.15	71	59	24.4	1285
4 x 25 RM	0.727	132	105	27.9	1780
5 x 25 RM	0.727	92	73	30.5	2170
3 x 35 RM/RM	0.524 / 0.727	159	129	30.6	2170
4 x 35 RM	0.524	159	129	30.6	2220
5 x 35 RM	0.524	110	89	33.2	2720
3 x 50 SM/SM	0.387 / 0.524	188	157	32.0	2470
4 x 50 RM	0.387	188	157	35.2	3180
4 x 50 SM	0.387	188	157	32.0	2590
3 x 70 SM/RM	0.268 / 0.268	236	199	35.4	3260
4 x 70 RM	0.268	236	199	40.1	4020
4 x 70 SM	0.268	236	199	35.4	3470
3 x 95 SM/RM	0.193 / 0.268	280	246	40.8	4170
4 x 95 RM	0.193	280	246	45.5	5300
4 x 95 SM	0.193	280	246	40.8	4600
4 x 95 SM/RM	0.193 / 0.268	280	246	40.8	4350
3 x 120 SM/RM	0.153 / 0.387	317	285	44.2	4920
3 x 120 SM/RM	0.153 / 0.268	317	285	44.2	5170
4 x 120 SM	0.153	317	285	44.2	5580
3 x 150 SM/RM	0.124 / 0.268	359	326	48.3	6020

Number of cores x nominal cross-section (mm^2)	Max. conductor resistance (Ω/km)	Current rating in the earth (A)	Current rating in the air (A)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
4 x 150 SM	0.124	359	326	48.3	6750
3 x 185 SM/RM	0.099 / 0.193	401	374	54.9	8410
4 x 185 SM	0.099	401	374	54.9	7590
3 x 240 SM/RM	0.075 / 0.124	464	445	61.0	9730
4 x 240 SM	0.075	464	445	61.0	10760

CONTACT PERSON

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