KONEKA

We Make Modern Life Possible.



INSTALLATION CABLES

CYKYDY

PVC/PVC installation cables, armoured

The cables are designed for fixed distribution of electricity in the ground or in an open environment resistant to increased mechanical pressure.

TECHNICAL DATA

Standard
TP PRAKAB 01/03

Certificate
EZÚ Czech Republic

Test Voltage
core/core 2,5 kV / 50 Hz

Rated Voltage
450/750 V

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

Fire properties
EN 60332-1-2: self-extinguishing
CPR classification: 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)
2. Core insulation (PVC)
3. Inner covering (EPDM)
4. Sheat (PVC black)
5. Armouring (bare steel tape)
6. Outer covering (PVC black, UV-resistant)

Number of cores x nominal cross-section (mm²)	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	12.531	34	22	15.0	480
3 x 1.5 RE	12.531	28	19	15.5	520
4 x 1.5 RE	12.531	28	19	16.2	570
5 x 1.5 RE	12.531	28	19	17.2	625
7 x 1.5 RE	12.531	16	13	17.9	705
12 x 1.5 RE	12.531	13	10	21.5	1010
19 x 1.5 RE	12.531	11	9	23.9	1310
24 x 1.5 RE	12.531	9	8	27.0	1590
37 x 1.5 RE	12.531	8	7	29.9	2650
48 x 1.5 RE	12.531	7	6	33.5	3180
2 x 2.5 RE	7.52	45	30	15.9	565
3 x 2.5 RE	7.52	36	25	16.4	605
4 x 2.5 RE	7.52	36	25	17.2	675
5 x 2.5 RE	7.52	36	25	18.1	780
7 x 2.5 RE	7.52	22	16	19.1	915
12 x 2.5 RE	7.52	17	13	23.2	1300
19 x 2.5 RE	7.52	14	11	26.2	1700
24 x 2.5 RE	7.52	13	10	29.4	2730
37 x 2.5 RE	7.52	11	9	33.1	3430
48 x 2.5 RE	7.52	10	8	36.8	4130
2 x 4 RE	4.7	59	40	17.5	665
3 x 4 RE	4.7	48	34	18.1	730
4 x 4 RE	4.7	48	34	19.1	875
5 x 4 RE	4.7	48	34	20.7	980
7 x 4 RE	4.7	28	22	21.9	1190
12 x 4 RE	4.7	22	18	26.9	1680
2 x 6 RE	3.133	73	51	18.5	800
3 x 6 RE	3.133	61	43	19.2	905
4 x 6 RE	3.133	61	43	20.7	1010
5 x 6 RE	3.133	61	43	22.0	1150
3 x 10 RE	1.88	81	60	21.6	1110
4 x 10 RE	1.88	81	60	23.0	1330
5 x 10 RE	1.88	81	60	24.9	1520
3 x 16 RE	1.175	105	80	23.6	1420
4 x 16 RE	1.175	105	80	25.5	1650
5 x 16 RE	1.175	105	80	27.3	1970

Technical changes reserved. All figures are therefore without guarantee.



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