



# CYKYDY

PVC/PVC installation cables, armoured

INSTALLATION CABLES

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



## TECHNICAL DATA

<p><b>Standard</b> TP PRAKAB 01/03</p>	<p><b>Rated Voltage</b> 450/750 V</p>	<p><b>Core identification</b> ČSN 33 0166 ed. 2 ČSN EN 50334</p>
<p><b>Certificate</b> EZÚ Czech Republic</p>	<p><b>Bending radius (min.)</b> 12 x Ø of cable up to 15 mm (included) 15 x Ø of cable over 15 mm</p>	<p><b>Temperature range</b> Laying temperature: min. -5°C Operating temperature: -50°C up to 70°C</p>
<p><b>Test Voltage</b> core/core 2,5 kV / 50 Hz</p>	<p><b>Fire properties</b> EN 60332-1-2: self-extinguishing OPR classification: Eca</p>	<p>Conductor temperature: max. 70°C Short circuit temperature: max. 160°C</p>

## 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 (mm <sup>2</sup> )	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

**CONTACT PERSON**

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