

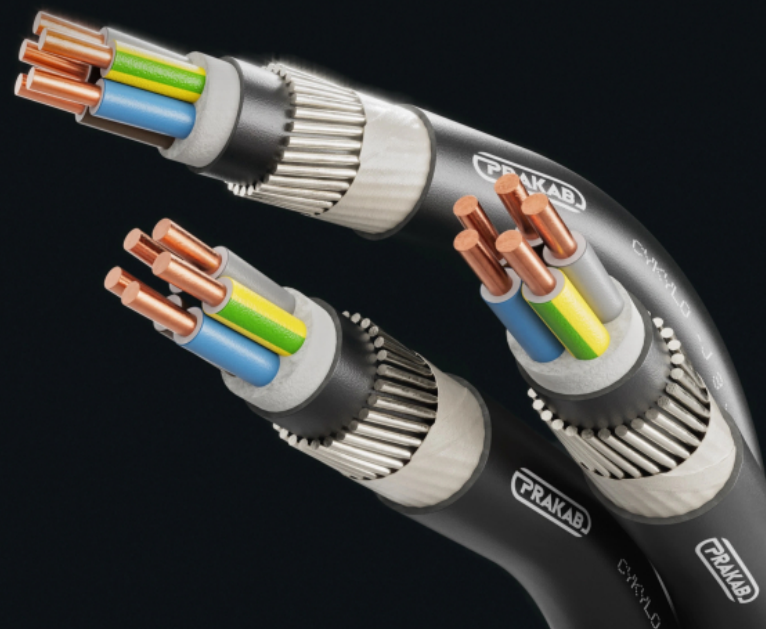


CYKYDY

PVC/PVC installation cables, armoured

INSTALLATION CABLES

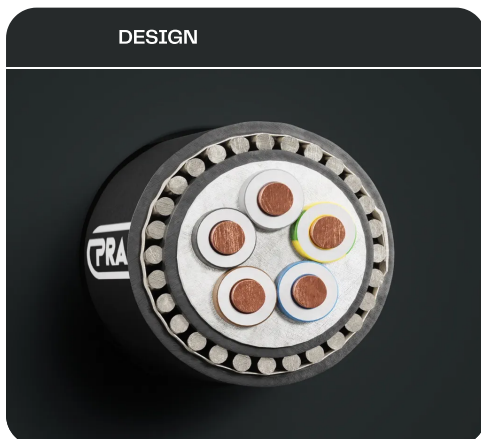
The cables are designed for fixed distribution of electricity in the ground or in an open environment resistant to increased mechanical pressure.



TECHNICAL DATA

 Standard TP PRAKAB 01/03	 Rated Voltage 450/750 V	 Core identification ČSN 33 0166 ed. 2 ČSN EN 50334
 Certificate EZÚ Czech Republic	 Bending radius (min.) 12 x Ø of cable up to 15 mm (included) 15 x Ø of cable over 15 mm	 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
 Test Voltage core/core 2,5 kV / 50 Hz	 Fire properties EN 60332-1-2: self-extinguishing OPR classification: Eca	

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 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	12.531	34	22	15	480
3 x 1.5 RE	12.531	28	18.5	15.5	520
4 x 1.5 RE	12.531	28	18.5	16.2	570
5 x 1.5 RE	12.531	28	18.5	17.2	625
7 x 1.5 RE	12.531	16	12.5	17.9	705
12 x 1.5 RE	12.531	12.5	10	21.5	1010
19 x 1.5 RE	12.531	10.5	8.5	23.9	1310
24 x 1.5 RE	12.531	9	7.5	27	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	21.5	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	12.5	10	29.4	2730
37 x 2.5 RE	7.52	11	9	33.1	3430
48 x 2.5 RE	7.52	9.5	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	27.5	22	21.9	1190
12 x 4 RE	4.7	21.5	17.5	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	1150
3 x 10 RE	1.88	81	60	21.6	1110
4 x 10 RE	1.88	81	60	23	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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