



CYKY

PVC/PVC installation cables

INSTALATION AND HARMONISED CABLES AND WIRES

The cables are designed for fixed distribution of electricity in the ground or in the open environment without any mechanical stress.



TECHNICAL DATA



Standard
ČSN 34 7411



Certificate
EZÚ Czech Republic



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



Rated Voltage
450/750 V



Bending radius (min.)
6 x ϕ of cable up to 20 mm (included)
12 x ϕ of cable over 20 mm



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

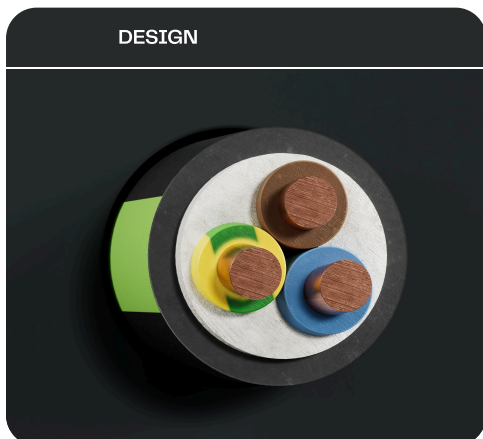


Core identification
ČSN 33 0166 ed. 2
ČSN EN 50334



Temperature range
Laying temperature: min. -5°C
Operating temperature: -40°C up to 70°C
Conductor temperature: max. 70°C
Short circuit temperature: max. 160°C

DESIGN



Copper conductor, round solid (RE)



Core insulation (PVC)



Inner covering (EPDM)



Sheath (PVC black, UV-resistant) with colored stripe according to dimension: CYKY-J 3x1,5 blue; CYKY-O 3x1,5 red; CYKY-J 3x2,5 green; CYKY-J 5x1,5 violet; CYKY-J 5x2,5 yellow

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	8.1	105
3 x 1.5 RE	12.531	28	18.5	8.6	120
4 x 1.5 RE	12.531	28	18.5	9.3	150
5 x 1.5 RE	12.531	28	18.5	10.1	175
7 x 1.5 RE	12.531	16	12.5	11	225
12 x 1.5 RE	12.531	12.5	10	14.6	390
19 x 1.5 RE	12.531	10.5	8.5	17	565
24 x 1.5 RE	12.531	9	7.5	20.1	720
37 x 1.5 RE	12.531	8	7	22.9	1120
48 x 1.5 RE	12.531	7	6	26.6	1310
2 x 2.5 RE	7.52	45	30	8.9	140
3 x 2.5 RE	7.52	36	25	9.5	170
4 x 2.5 RE	7.52	36	25	10.3	210
5 x 2.5 RE	7.52	36	25	11.2	260
7 x 2.5 RE	7.52	21.5	15	12.2	340
12 x 2.5 RE	7.52	17	13	16.3	570
19 x 2.5 RE	7.52	14	10	19.3	835
24 x 2.5 RE	7.52	12	9	22.5	1080
37 x 2.5 RE	7.52	10	8	26.1	1570
48 x 2.5 RE	7.52	9	6	29.8	2000
2 x 4 RE	4.7	59	40	10.6	215
3 x 4 RE	4.7	48	34	11.2	255
4 x 4 RE	4.7	48	34	12.2	315
5 x 4 RE	4.7	48	34	13.8	380
7 x 4 RE	4.7	29	20	15	485
12 x 4 RE	4.7	22	16	20	870
2 x 6 RE	3.133	73	51	11.6	260
3 x 6 RE	3.133	61	43	12.3	325
4 x 6 RE	3.133	61	43	13.8	405
5 x 6 RE	3.133	61	43	15.1	500
2 x 10 RE	1.88	81	66	13.8	385
3 x 10 RE	1.88	81	60	14.7	495
4 x 10 RE	1.88	81	60	16.1	645
5 x 10 RE	1.88	81	60	18	770
2 x 16 RE	1.175	105	89	15.6	537
3 x 16 RE	1.175	105	80	16.7	720
4 x 16 RE	1.175	105	80	18.6	925
5 x 16 RE	1.175	105	80	20.4	1140

CONTACT PERSON

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