



CYKY

PVC/PVC installation cables

INSTALATION AND HARMONISED CABLES AND WIRES

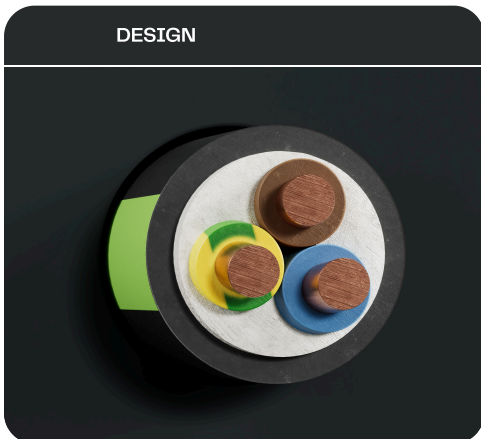
The cables are designed for fixed distribution of electricity in the ground or in the open environment without any mechanical stress.



TECHNICAL DATA

| | | |
|---|--|---|
| <p>Standard ČSN 34 7411</p> | <p>Rated Voltage 450/750 V</p> | <p>Core identification ČSN 33 0166 ed. 2 ČSN EN 50334</p> |
| <p>Certificate EZÚ Czech Republic</p> | <p>Bending radius (min.) 6 x ϕ of cable up to 20 mm (included) 12 x ϕ of cable over 20 mm</p> | <p>Temperature range Laying temperature: min. -5°C Operating temperature: -40°C up to 70°C</p> |
| <p>Test Voltage core/core 2,5 kV / 50 Hz</p> | <p>Fire properties ČSN EN 60332-1-2: self-extinguishing CPR 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 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 | 100 |
| 3 x 1.5 RE | 12.531 | 28 | 19 | 8.6 | 120 |
| 4 x 1.5 RE | 12.531 | 28 | 19 | 9.3 | 140 |
| 5 x 1.5 RE | 12.531 | 28 | 19 | 10.1 | 165 |
| 7 x 1.5 RE | 12.531 | 16 | 13 | 11.0 | 205 |
| 12 x 1.5 RE | 12.531 | 13 | 10 | 14.6 | 390 |
| 19 x 1.5 RE | 12.531 | 11 | 9 | 17.0 | 550 |
| 24 x 1.5 RE | 12.531 | 9 | 8 | 20.1 | 710 |
| 37 x 1.5 RE | 12.531 | 8 | 7 | 22.9 | 995 |
| 48 x 1.5 RE | 12.531 | 7 | 6 | 26.6 | 1270 |
| 2 x 2.5 RE | 7.52 | 45 | 30 | 8.9 | 130 |
| 3 x 2.5 RE | 7.52 | 36 | 25 | 9.5 | 160 |
| 4 x 2.5 RE | 7.52 | 36 | 25 | 10.3 | 200 |
| 5 x 2.5 RE | 7.52 | 36 | 25 | 11.2 | 235 |
| 7 x 2.5 RE | 7.52 | 22 | 15 | 12.2 | 300 |
| 12 x 2.5 RE | 7.52 | 17 | 13 | 16.3 | 570 |
| 19 x 2.5 RE | 7.52 | 14 | 10 | 19.3 | 810 |
| 24 x 2.5 RE | 7.52 | 12 | 9 | 22.5 | 1065 |
| 37 x 2.5 RE | 7.52 | 10 | 8 | 26.1 | 1470 |
| 48 x 2.5 RE | 7.52 | 9 | 6 | 29.8 | 1905 |
| 2 x 4 RE | 4.7 | 59 | 40 | 10.6 | 175 |
| 3 x 4 RE | 4.7 | 48 | 34 | 11.2 | 220 |
| 4 x 4 RE | 4.7 | 48 | 34 | 12.2 | 260 |
| 5 x 4 RE | 4.7 | 48 | 34 | 13.8 | 315 |
| 7 x 4 RE | 4.7 | 29 | 20 | 15.0 | 455 |
| 12 x 4 RE | 4.7 | 22 | 16 | 20.0 | 770 |
| 2 x 6 RE | 3.133 | 73 | 51 | 11.6 | 230 |
| 3 x 6 RE | 3.133 | 61 | 43 | 12.3 | 290 |
| 4 x 6 RE | 3.133 | 61 | 43 | 13.8 | 355 |
| 5 x 6 RE | 3.133 | 61 | 43 | 15.1 | 420 |
| 2 x 10 RE | 1.88 | 81 | 66 | 13.8 | 410 |
| 3 x 10 RE | 1.88 | 81 | 60 | 14.7 | 520 |
| 4 x 10 RE | 1.88 | 81 | 60 | 16.1 | 625 |
| 5 x 10 RE | 1.88 | 81 | 60 | 18.0 | 770 |
| 2 x 16 RE | 1.175 | 105 | 89 | 15.6 | 565 |
| 3 x 16 RE | 1.175 | 105 | 80 | 16.7 | 735 |
| 4 x 16 RE | 1.175 | 105 | 80 | 18.6 | 895 |
| 5 x 16 RE | 1.175 | 105 | 80 | 20.4 | 1100 |

CONTACT PERSON

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