KONEKA

We Make Modern Life Possible.



POWER CABLES AND OVERHEAD LINES 0.6/1 KV

1-CYKYDY

PVC/PVC copper energy cables, armoured

The cables are designed for distribution of electrical energy in fixed installation in the ground, cable ducts and in the outdoor environment.

TECHNICAL DATA

Standard
TP PRAKAB 01/03

Certificate
EZÚ Czech Republic

Test Voltage
core/core 4 kV / 50 Hz

Rated Voltage
0,6/1 kV

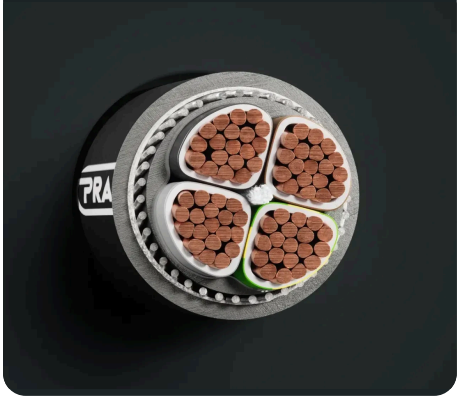
Bending radius (min.)
12 x Ø of cable up to 15 mm
15 x Ø of cable over 15 mm

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

Core identification
ČSN 33 0166 ed. 2

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), round stranded (RM) resp. sector-shaped stranded (SM)
2. Core insulation (PVC)
3. Inner covering (EPDM or plastic tape)
4. Sheath (PVC black)
5. Armouring (tinned steel wires)
6. Sheath (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)
4 x 25 RM	0.752	132	105	30.4	2279
5 x 25 RM	0.752	92	73	33.1	2689
3 x 35 + 25 RM/RM	0.537 / 0,752	159	129	32.9	2710
4 x 35 RM	0.537	159	129	33.2	2828
4 x 35 SM	0.537	159	129	30.1	2472
5 x 35 RM	0.537	110	89	35.5	3320
3 x 50 + 35 SM/RM	0.387 / 0,537	188	157	34.3	3063
4 x 50 RM	0.387	188	157	40.2	4433
4 x 50 SM	0.387	188	157	34.3	3200
5 x 50 SM	0.387	130	109	35.6	3738
3 x 70 + 35 SM/RM	0.268 / 0,537	232	199	39.6	4511
4 x 70 SM	0.268	232	199	39.6	4840
3 x 95 + 50 SM/RM	0.193 / 0,387	280	246	45.4	5833
4 x 95 SM	0.193	280	246	45.6	6920
3 x 120 + 70 SM/RM	0.153 / 0,268	318	285	48.2	6865
4 x 120 SM	0.153	318	285	48.2	7347

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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