



1-CYKY









PVC/PVC copper energy cables

LOW VOLTAGE CABLES 0,6/1 kV

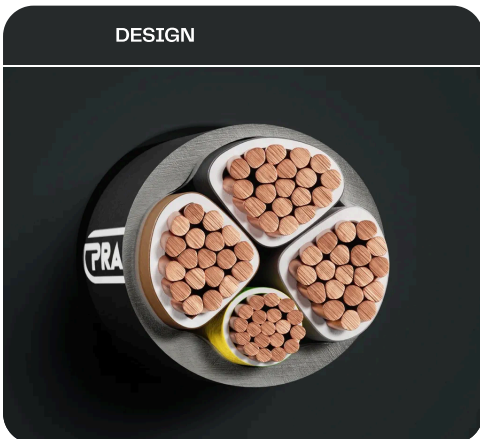
The cables are designed for distribution of electrical energy in fixed installation in the ground, cable ducts and in the outdoor environment.



TECHNICAL DATA

 <p>Standard TP PRAKAB 01/03</p>	 <p>Rated Voltage 0.6/1 kV</p>	 <p>Core identification ČSN 33 0166 ed. 2</p>
 <p>Certificate EZÚ Czech Republic</p>	 <p>Bending radius (min.) 12 x Ø of cable up to 15 mm 15 x Ø of cable over 15 mm</p>	 <p>Temperature range Laying temperature: min. -5°C Operating temperature: -50°C up to 70°C</p>
 <p>Test Voltage core/core 4 kV / 50 Hz</p>	 <p>Fire properties ČSN 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), round stranded (RM) resp. sector-shaped stranded (SM)
- 2 Core insulation (PVC)
- 3 Inner covering (EPDM or plastic tape)
- 4 Sheath (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)
4 x 25 RM	0.752	132	105	23.8	1360
5 x 25 RM	0.752	92	105	26.1	1740
3 x 35 + 25 RM/RM	0.537 / 0,752	159	129	26.2	1780
4 x 35 RM	0.537	159	129	26.2	1810
5 x 35 RM	0.537	110	129	28.8	2240
3 x 50 + 35 SM/RM	0.387 / 0,537	188	157	30.4	2060
4 x 50 RM	0.387	188	157	31.3	2590
4 x 50 SM	0.387	188	157	30.4	2360
3 x 70 + 50 SM/RM	0.268 / 0,387	232	199	34.9	2800
4 x 70 RM	0.268	232	199	35.8	3510
4 x 70 SM	0.268	232	199	34.9	3140
5 x 70 RM	0.268	164	140	39.9	4160
3 x 95 + 70 SM/RM	0.198 / 0,268	280	246	39.3	3940
3 x 95 + 50 SM/RM	0.198 / 0,387	280	246	39.3	3600
4 x 95 RM	0.198	280	246	41.3	4730
4 x 95 SM	0.198	280	246	39.3	4210
3 x 120 + 70 SM/RM	0.157 / 0,268	318	285	43.0	4430
3 x 120 + 50 SM/RM	0.157 / 0,387	318	285	43.0	4270
4 x 120 SM	0.157	318	285	43.0	5250
3 x 150 + 70 SM/RM	0.124 / 0,268	359	326	46.8	5350
4 x 150 SM	0.124	359	326	46.8	6620
3 x 185 + 95 SM/RM	0.102 / 0,198	406	374	49.8	6780
4 x 185 SM	0.102	406	374	49.8	8030
3 x 240 + 120 SM/RM	0.078 / 0,157	473	445	56.4	8570
4 x 240 SM	0.078	473	445	56.4	9690

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