



# 1-AYKYz









PVC/PVC aluminium energy cables, pendant with support steel rope

ALUMINIUM 0.6/1 KV

Cables are designed for outdoor distribution of electrical energy in suspension design.



## TECHNICAL DATA

 <p><b>Standard</b> TP PRAKAB 02/08</p>	 <p><b>Rated Voltage</b> 0.6/1 kV</p>	 <p><b>Core identification</b> ČSN 33 0166 ed. 2</p>
 <p><b>Certificate</b> EZÚ Czech Republic</p>	 <p><b>Bending radius (min.)</b> 15 x Ø of cable</p>	 <p><b>Temperature range</b> Laying temperature: min. -5°C Operating temperature: -50°C up to 70°C</p>
 <p><b>Test Voltage</b> 4 kV / 50 Hz</p>	 <p><b>Fire properties</b> ČSN EN 60332-1-2: self-extinguishing CPR: Eca</p>	<p>Conductor temperature: max. 70°C Short circuit temperature: max. 160°C</p>

## DESIGN



- 1 Aluminium conductor, round solid (RE)
- 2 Core insulation (PVC)
- 3 Inner covering (EPDM)
- 4 Galvanized steel rope
- 5 Sheath (PVC black, UV-resistant)

Number of cores x nominal cross-section (mm <sup>2</sup> )	Max. conductor resistance (Ω/km)	Current rating in the air (A)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
4 x 10 RE	3.08	45	16.3	570
4 x 16 RE	1.91	61	19.0	710
4 x 25 RE	1.2	81	22.9	1035
4 x 35 RE	0.868	99	25.2	1220

**CONTACT PERSON**

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