



AYKY









PVC/PVC aluminium installation cables

INSTALATION AND HARMONISED CABLES AND WIRES

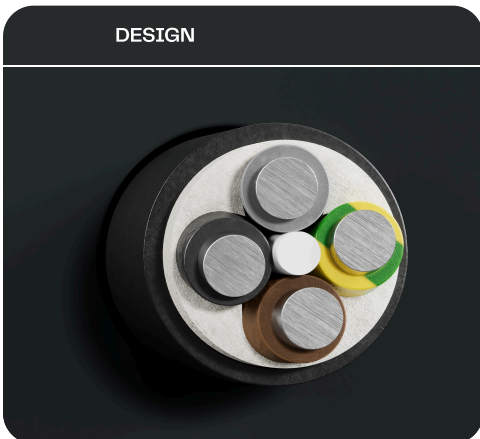
The cables are designed for fixed distribution of electricity in the ground or in the open environment without any mechanical stress.



TECHNICAL DATA

 <p>Standard TP PRAKAB 02/08</p>	 <p>Rated Voltage 450/750 V</p>	 <p>Core identification ČSN 33 0166 ed. 2</p>
 <p>Certificate EZÚ Czech Republic</p>	 <p>Bending radius (min.) 12 x Ø up to 15 mm</p>	 <p>Temperature range Laying temperature: min. -5°C Operating temperature: -50°C up to 70°C</p>
 <p>Test Voltage 2,5 kV / 50 Hz</p>	 <p>Fire properties EN 60332-1-2: self-extinguishing CPR Classification: Eca</p>	<p>Conductor temperature: max. 70°C Short circuit temperature: max. 70°C</p>

DESIGN



- 1 Aluminium conductor, round solid (RE)
- 2 Core insulation (PVC)
- 3 Inner covering (EPDM)
- 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)
2 x 10 RE	3.096	72	51	15.0	280
3 x 10 RE	3.096	63	45	15.9	320
4 x 10 RE	3.096	63	45	17.2	375
5 x 10 RE	3.096	44	33	18.8	435
2 x 16 RE	1.935	93	70	16.8	375
3 x 16 RE	1.935	81	61	17.8	420
4 x 16 RE	1.935	81	61	19.4	570
5 x 16 RE	1.935	56	46	21.3	600

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