We Make Modern Life Possible.



ALUMINIUM 0.6/1 KV

1-AYKYz

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

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

TECHNICAL DATA

Standard
TP PRAKAB 02/08

Certificate
EZÚ Czech Republic

Test Voltage
4 kV / 50 Hz

Rated Voltage
0.6/1 kV

Bending radius (min.)
15 x Ø of cable

Fire properties
ČSN EN 60332-1-2: self-extinguishing
CPR: 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. 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 (mm²)	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

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

Vojtěch Cuřín
Product Supervisor
+420 731 226 023
vojtech.curin@prakab.com

