

ALUMINIUM 0.6/1 kV

1-AYKYz

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



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
OPR: 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 (mm ²)	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

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