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PVC AND RUBBER CABLES AND WIRES

AYKY

PVC/PVC aluminium installation cables

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

TECHNICAL DATA

Standard
TP PRAKAB 02/08

Certificate
EZÚ Czech Republic

Test Voltage
2,5 kV / 50 Hz

Rated Voltage
450/750 V

Bending radius (min.)
12 x Ø up to 15 mm

Fire properties
EN 60332-1-2: self-extinguishing
CPR Classification: 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. 70°C

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 (mm²)	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

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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