

INSTALLATION AND HARMONISED CABLES AND WIRES

AYKY

PVC/PVC aluminium installation cables



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
OPR 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 (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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