

LOW VOLTAGE CABLES 0,6/1 kV

1-AYKY-OT

PVC/PVC hybrid energy cables, with polymeric
tube



TECHNICAL DATA



Standard
TP PRAKAB 02/08



Certificate
EZÚ Czech Republic



Test Voltage
core/core 4 kV / 50 Hz



Rated Voltage
0.6/1 kV



Bending radius (min.)
15 x Ø of cable



Fire properties
EN 60332-1-2: self-extinguishing
OPR Classification: Eca

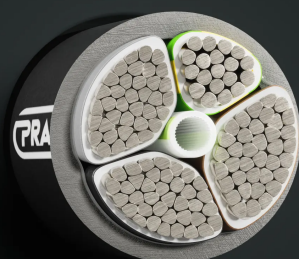


Core identification
ČSN 33 0166 ed. 2



Temperature range
Laying temperature: min. -5°C
Operating temperature: -50°C up to 70°C
Conductor temperature: max. 70°C

DESIGN



1

Optical cable (is not included power cable)

2

HDPE tube

3

Aluminium conductor, sector-shaped stranded (SM)

4

Core insulation (PVC)

5

Inner covering (Plastic tape)

6

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)
3 x 240 + 120 SM/SM + OT 12/8	0.125 / 0.253	364	338	56.5	3985

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