We Make Modern Life Possible.

POWER CABLES AND OVERHEAD LINES 0.6/1 KV

1-AYKY-OT

PVC/PVC hybrid energy cables, with polymeric tube

The hybrid cables consist of a power metallic cable designed for the transmission of electrical energy and a polymer tube which is placed under the common outer sheath of the hybrid cable. The cables are designed for fixed distribution in power plants, distribution networks, industrial equipment, switchboards, etc., in the ground or in the external environment. The cables are UV-resistant.



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: flame retardant and 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

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)

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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

Technical changes reserved. All figures are therefore without guarantee.

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