We Make Modern Life Possible.



POWER CABLES AND OVERHEAD LINES 0.6/1 KV

1-CYY

PVC/PVC copper energy cables

The cables are designed for distribution of electrical energy in fixed installation in the ground, cable ducts and in the outdoor environment.

TECHNICAL DATA

Standard
ČSN 34 7659-3P

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
CPR classification: Eca

Core identification
HD308 S2 (CR, HA, MD, SE, ZZ and others depending on customer demand)

Temperature range
Laying temperature: min. -10°C
Operating temperature: -50°C up to 70°C
Conductor temperature: max. 70°C
Short circuit temperature: max. 140°C

DESIGN



1. Copper conductor, round stranded (RM)
2. Core insulation (PVC)
3. 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)
1 x 25 RM	0.727	208	144	11.9	340
1 x 35 RM	0.524	250	176	13.1	440
1 x 50 RM	0.387	296	214	14.7	585
1 x 70 RM	0.268	365	270	16.3	825
1 x 95 RM	0.193	438	334	18.5	1090
1 x 120 RM	0.153	501	389	19.8	1300
1 x 150 RM	0.124	563	446	21.5	1590
1 x 185 RM	0.099	639	516	24.3	1990
1 x 240 RM	0.075	746	618	27.1	2560
1 x 300 RM	0.060	848	717	30.1	3220
1 x 400 RM	0.047	975	843	33.7	4260
1 x 500 RM	0.037	1125	994	36.9	5190
1 x 630 RM	0.028	1304	1180	40.7	6550

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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