



We Make Modern
Life Possible

LOW VOLTAGE CABLES 0,6/1 kV

1-CYY

PVC/PVC copper energy cables



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
OPR 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



Copper conductor, round stranded (RM)



Core insulation (PVC)



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)
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

CONTACT PERSON

Vojtěch Cuřin
Product Supervisor
+420 731 226 023
vojtech.curin@prakab.com

