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COPPER 0,6/1 KV

(N)YY

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
adapted to DIN VDE 0276-603 (HD603)

Certificate
VDE Germany

Test Voltage
core/core 4 kV / 50 Hz

Rated Voltage
0,6/1 kV

Bending radius (min.)
12 x Ø of cable

Fire properties
EN 60332-1-2: self-extinguishing
CPR classification: Eca

Core identification
HD 308 S2

Temperature range
Laying temperature: min. -5°C
Operating temperature: -50°C up to 70°C
Conductor temperature: max. 70°C
Short circuit temperature: max. 160°C

DESIGN



1. Copper conductor, sector-shaped stranded (SM)
2. Core insulation (PVC)
3. Inner covering (extruded rubber)
4. Sheath (PVC black, UV-resistant)

Number of cores x nominal cross-section (mm²)	Max. conductor resistance (Ω/km)	Current rating in the air (A)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
5 x 50 SM	0.387	157	34.0	3061
5 x 70 SM	0.268	199	39.0	4168
5 x 95 SM	0.193	246	44.0	5626
5 x 120 SM	0.153	285	49.0	6916
5 x 150 SM	0.124	326	54.0	8455
5 x 185 SM	0.099	374	60.0	10472
5 x 240 SM	0.075	445	71.0	13617

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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

