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PVC/PVC copper energy cables

COPPER 0,6/1 kV

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)



Rated Voltage
0,6/1 kV



Core identification
HD 308 S2



Certificate
VDE Germany



Bending radius (min.)
12 x Ø of cable



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

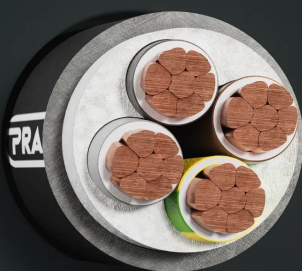


Test Voltage
core/core 4 kV / 50 Hz



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

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 (mm ²)	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	3061
5 x 70 SM	0.268	199	39	4168
5 x 95 SM	0.193	246	44	5626
5 x 120 SM	0.153	285	49	6916
5 x 150 SM	0.124	326	54	8455
5 x 185 SM	0.0991	374	60	10472
5 x 240 SM	0.0754	445	71	13617

CONTACT PERSON

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