



# (N)YY









## PVC/PVC copper energy cables

COPPER 0,6/1 kV

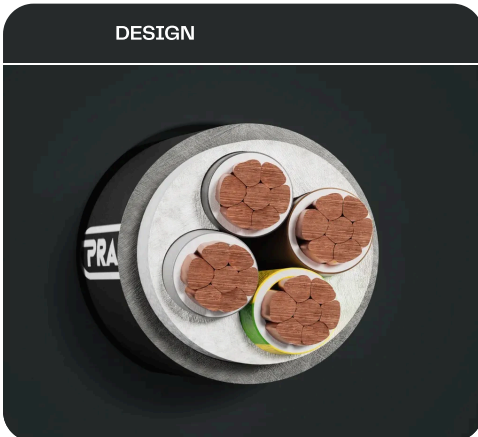
The cables are designed for distribution of electrical energy in fixed installation in the ground, cable ducts and in the outdoor environment.



### TECHNICAL DATA

 <p><b>Standard</b> adapted to DIN VDE 0276-603 (HD603)</p>	 <p><b>Rated Voltage</b> 0,6/1 kV</p>	 <p><b>Core identification</b> HD 308 S2</p>
 <p><b>Certificate</b> VDE Germany</p>	 <p><b>Bending radius (min.)</b> 12 x Ø of cable</p>	 <p><b>Temperature range</b> Laying temperature: min. -5°C Operating temperature: -50°C up to 70°C</p>
 <p><b>Test Voltage</b> core/core 4 kV / 50 Hz</p>	 <p><b>Fire properties</b> EN 60332-1-2: self-extinguishing CPR classification: Eca</p>	<p>Conductor temperature: max. 70°C Short circuit temperature: max. 160°C</p>

### 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 <sup>2</sup> )	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

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