

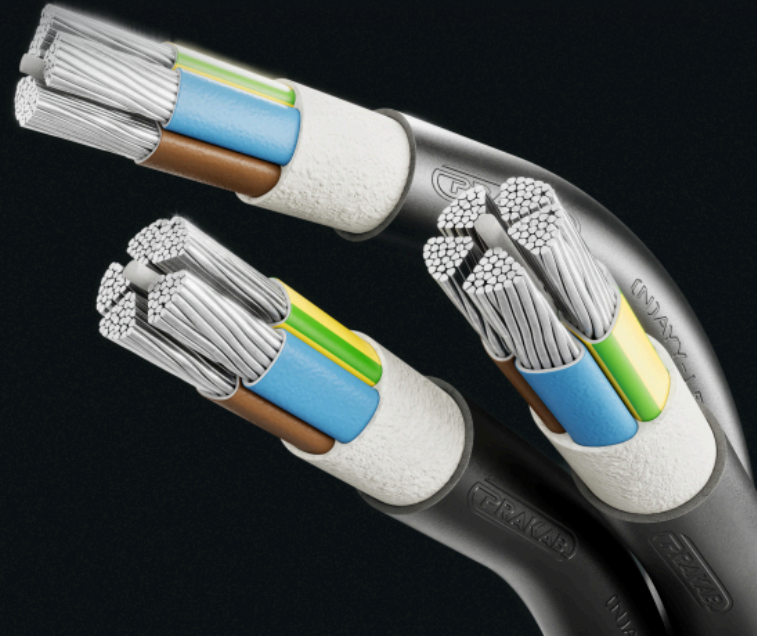


# (N)AYY









## PVC/PVC aluminium energy cables

LOW VOLTAGE CABLES 0,6/1 kV

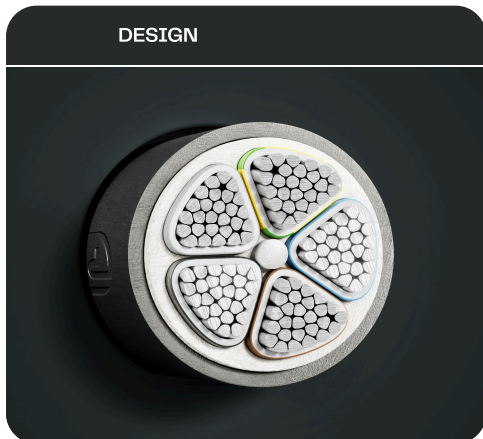
The cables are designed for distribution of electrical energy in fixed installation in the ground, cable ducts and in the external environment.



### TECHNICAL DATA

 <p><b>Standard</b> adapted to DIN VDE 0276-603 (HD 603)</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: Eca</p>	<p>Conductor temperature: max. 70°C Short circuit temperature: max. 140°C</p>

### DESIGN



- 1 Aluminium conductor, sector-shaped stranded (SM)
- 2 Core insulation (PVC)
- 3 Inner covering (EPDM)
- 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)	Current rating in the earth (A)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
5 x 50 SM	0.641	82	99	33.5	1767
5 x 70 SM	0.443	107	126	38.6	2268
5 x 95 SM	0.32	131	151	43.1	2972
5 x 120 SM	0.253	151	171	48.2	3542
5 x 150 SM	0.206	173	193	52.9	4259
5 x 185 SM	0.164	197	216	59.1	5225
5 x 240 SM	0.125	235	253	69.6	6703

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