

COPPER 0,6/1 kV

(N)YY

PVC/PVC copper energy cables



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
OPR classification: Eca

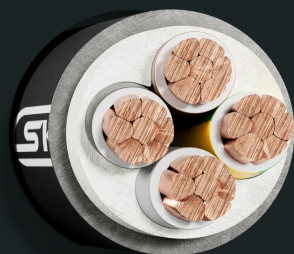


Core identification
HD 308 S2



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 (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	34.0	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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