We Make Modern Life Possible.



POWER CABLES AND OVERHEAD LINES 0.6/1 KV

(N)AYY

PVC/PVC aluminium energy cables

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

TECHNICAL DATA

Standard
adapted to DIN VDE 0276-603 (HD 603)

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: 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. 140°C

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 (mm²)	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

Technical changes reserved. All figures are therefore without guarantee.

EPD
INTERNATIONAL EPD SYSTEM

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