

LOW VOLTAGE CABLES 0,6/1 kV

NY2Y

PVC/PE copper energy cable



TECHNICAL DATA



Standard
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
CPR Classification: Fca



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, round solid (RE), round stranded (RM)
resp. sector-shaped stranded (SM)



2 Core insulation (PVC)



3 Inner covering (EPDM)



4 Sheath (HDPE black, UV-resistant)

Number of cores x nominal cross-section (mm ²)	Max. conductor resistance (Ω/km)	Current rating in the earth (A)	Current rating in the air (A)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
4 x 4 RE	4.61	47	34	17.2	423
4 x 6 RE	3.08	59	43	18.4	526
4 x 10 RE	1.83	79	59	20.6	748
4 x 16 RM	1.15	102	79	23.3	1048
4 x 25 RM	0.727	133	106	27.1	1530
4 x 35 RM	0.524	159	129	29.6	1972
4 x 50 SM	0.387	188	157	31.6	2386

CONTACT PERSON

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