We Make Modern Life Possible.

POWER CABLES AND OVERHEAD LINES 0.6/1 KV

NY2Y

PVC/PE copper energy cable

Power distribution cables in power stations, industrial installations and switchgears, as well as in local mains. For fixed installation underground, in interior premises, cable ducts, in the open air, in water – as permitted by the local building regulations– under severe mechanical stressing during installation and operation.



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 (mm²)	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

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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