We Make Modern
Life Possible.

POWER CABLES AND OVERHEAD LINES 0.6/1 KV

NAY2Y

PVC/PE aluminium energy cable

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



TECHNICAL DATA

Standard
DIN VDE 0276-603

Certificate
VDE Germany

Test Voltage
4 kV / 50 Hz

Rated Voltage
0.6/1 kV (Uo/U)

Bending radius (min.)
12 x Ø of cable (singlecore)
15 x Ø of cable (multicore)

Fire properties
EN 60332-1-2: Oheň retardující

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. 70°C

DESIGN



1. Aluminium conductor, round solid (RE), sector-shaped solid (SE), 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)	Standard lengths/p-acking (m)
1 x 35 RM	0.868	193	135	13.7	240	500 D, 1000 D
1 x 50 RM	0.641	230	166	15.5	315	500 D, 1000 D
1 x 70 RM	0.443	283	210	17.5	405	500 D, 1000 D
1 x 95 RM	0.32	340	259	19.6	520	500 D, 1000 D
1 x 120 RM	0.253	253	239	21.1	615	500 D, 1000 D
1 x 185 RM	0.164	496	401	25.8	904	500 D, 1000 D
1 x 240 RM	0.125	375	378	28.2	1115	500 D, 1000 D
1 x 300 RM	0.1	656	555	32.8	1474	100 D
1 x 400 RM	0.078	756	653	37.2	1870	100 D
1 x 500 RM	0.061	873	772	40.5	2286	100 D
1 x 630 RM	0.047	1011	915	46.2	2853	100 D
4 x 25 RE	1.2	102	81	25.5	990	1000 D
4 x 25 RM	1.2	102	81	26.7	1040	1000 D
4 x 35 RE	0.868	122	99	27.8	1130	1000 D
4 x 50 SE	0.641	144	119	31.9	1300	500 D, 1000 D
4 x 50 SM	0.641	144	119	29.6	1060	500 D, 1000 D
4 x 70 SE	0.443	179	152	36.1	1740	1000 D
4 x 95 SE	0.32	215	186	40.3	2240	1000 D
4 x 120 SE	0.253	245	216	43.0	2400	500 D, 1000 D
4 x 120 SM	0.253	245	216	41.3	2258	500 D, 1000 D
4 x 150 SE	0.206	275	246	47.7	3120	500 D, 1000 D
4 x 150 SM	0.206	275	246	45.1	2745	500 D, 1000 D
4 x 185 SE	0.164	313	285	52.7	4170	500 D
4 x 240 SE	0.125	364	338	57.9	5000	500 D
4 x 240 SM	0.125	364	338	55.0	5080	500 D
4 x 300 SM	0.1	419	400	61.0	5170	500 D
5 x 50 RM	0.641	144	119	36.2	1720	500 D, 1000 D
5 x 70 RM	0.443	179	152	44.0	2240	500 D, 1000 D
5 x 95 RM	0.32	215	186	47.0	3060	1000 D
5 x 95 SM	0.32	215	186	43.0	2550	1000 D
5 x 120 RM	0.253	245	216	53.0	3580	1000 D
5 x 150 RM	0.206	275	246	56.0	4400	500 D, 1000 D
5 x 150 SM	0.206	275	246	53.0	3679	500 D, 1000 D
5 x 185 SM	0.164	313	285	57.0	4400	500 D

Technical changes reserved. All figures are therefore without guarantee.



CONTACT PERSON

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