We Make Modern Life Possible.



POWER CABLES AND OVERHEAD LINES 0.6/1 KV

NAYY

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
DIN VDE 0276-603 (HD 603)

Certificate
VDE Germany

Test Voltage
core/core 4 kV / 50 Hz

Rated Voltage
0,6/1 kV

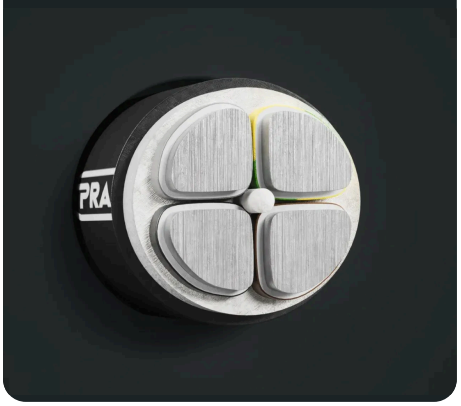
Bending radius (min.)
12 x Ø of cable (multicore)
15 x Ø of cable (singlecore)

Fire properties
EN 60332-1-2: Self-extinguishing
CPR 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. 140°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 (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)
1 x 25 RM	1.2	110	160	12.6	210
4 x 25 RE	1.2	82	102	25.5	990
4 x 25 RM	1.2	82	102	26.7	1040
5 x 25 RE	1.2	82	102	28.8	1166
1 x 35 RM	0.868	135	193	13.6	260
4 x 35 RE	0.868	100	123	27.8	1130
4 x 35 RM	0.868	100	123	29.3	1180
5 x 35 RE	0.868	100	123	31.6	1432
1 x 50 RM	0.641	166	230	15.3	335
4 x 50 SE	0.641	119	144	31.9	1300
5 x 50 RM	0.641	119	144	38.2	2042
4 x 50 SM	0.641	119	144	34.4	1360
1 x 70 RM	0.443	210	283	16.9	425
4 x 70 SE	0.443	152	179	36.1	1740
4 x 70 SM	0.443	152	179	38.0	1820
5 x 70 RM	0.443	152	179	42.5	2591
1 x 95 RM	0.32	259	340	19.1	540
4 x 95 SE	0.32	186	215	40.3	2240
4 x 95 SM	0.32	186	215	43.0	2340
5 x 95 RM	0.32	186	215	49.2	3454
1 x 120 RM	0.253	302	389	20.6	610
4 x 120 SE	0.253	216	245	43.5	2660
4 x 120 SM	0.253	216	245	46.6	2780
5 x 120 RM	0.256	216	245	53.4	4080
1 x 150 RM	0.206	345	436	22.3	745
4 x 150 SE	0.206	246	275	47.7	3120
4 x 150 SM	0.206	246	275	50.4	3260
5 x 150 RM	0.206	246	275	58.7	4983
1 x 185 RM	0.164	401	496	24.6	925
4 x 185 SE	0.164	285	313	52.7	4170
4 x 185 SM	0.164	285	313	54.0	4230
5 x 185 RM	0.164	285	313	64.8	6079
1 x 240 RM	0.125	479	578	27.5	1210
4 x 240 SE	0.125	338	364	58.2	5150
4 x 240 SM	0.125	338	363	60.3	5380
1 x 300 RM	0.1	555	656	30.6	1440
1 x 400 RM	0.078	653	756	33.2	1850
1 x 500 RM	0.061	772	873	37.7	2190
1 x 630 RM	0.047	915	1011	42.9	2700

Technical changes reserved. All figures are therefore without guarantee.

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EPD
INTERNATIONAL EPD SYSTEM



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