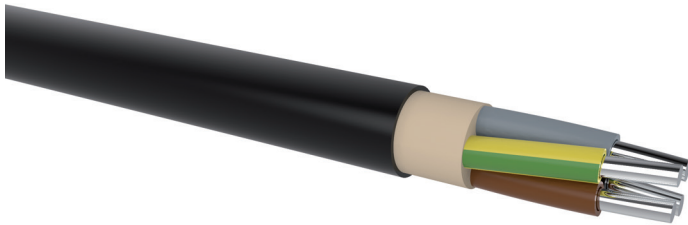


# NAY2Y

PVC/PE aluminium energy cable

## 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)

## APPLICATION

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 (HD 603)



**Rated voltage:**  
0.6/1 kV



**Test voltage:**  
core / core                      4 kV / 50 Hz



**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/5 s



**Bending radius (min.):**  
12 x Ø of cable



**Core identification:**  
HD 308 S2



**Fire properties:**  
CPR classification:            F<sub>ca</sub>



**Certificate:**  
EZÚ Czech Republic  
VDE Germany

Number of cores x nominal cross-section (mm <sup>2</sup> )	Max. conductor resistance (Ω/km)	Current rating in the earth (A)	Current rating in the air (A)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths / packing
<b>NAY2Y</b>						
4 x 25 RE	1.2	102	82	26.3	884	1000 D
4 x 35 RE	0.868	123	100	28.6	1099	1000 D
4 x 50 SE	0.641	144	119	29.9	1210	1000 D
4 x 70 SE	0.443	179	152	33.3	1545	1000 D
4 x 70 SM	0.443	179	152	34.7	1619	1000 D
4 x 95 SE	0.32	215	186	38.0	2052	1000 D
4 x 120 SE	0.253	245	216	41.1	2434	1000 D
4 x 150 SE	0.206	275	246	45.0	2923	500 D
4 x 150 SM	0.206	275	246	48.5	3074	500 D
4 x 185 SE	0.164	313	285	49.6	3608	500 D
4 x 185 SM	0.164	313	285	53.9	3782	500 D
4 x 240 SE	0.125	364	338	55.2	4795	500 D
4 x 240 SM	0.125	364	338	59.8	4743	500 D

Technical changes reserved. All figures are therefore without guarantee.