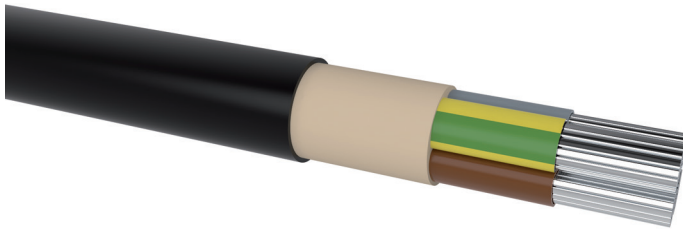


## NA2X2Y

XLPE/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 (XLPE)
- 3 | Inner covering (EPDM)
- 4 | Sheath (HDPE black, UV-resistant)

### APPLICATION

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)



**Rated voltage:**  
0.6/1 kV



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



**Temperature range:**  
laying temperature:            min. -20 °C  
operating temperature:        -50 °C up to 90 °C  
conductor temperature:        max. 90 °C  
short circuit temperature:      max. 250 °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:**  
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>NA2X2Y</b>						
4 x 25 RE	1.2	112	102	25.5	730	1000 D
4 x 35 RE	0.868	135	126	27.8	962	1000 D
4 x 35 RM	0.868	135	126	29.0	1032	1000 D
4 x 50 SE	0.641	158	149	28.1	1022	1000 D
4 x 70 SE	0.443	196	191	32.5	1383	1000 D
4 x 70 SM	0.443	196	191	33.9	1445	1000 D
4 x 95 SE	0.32	234	234	36.0	1770	1000 D
4 x 95 SM	0.32	234	234	38.2	1826	1000 D
4 x 120 SE	0.253	268	273	39.4	2145	1000 D
4 x 150 SE	0.206	300	311	43.5	2590	500 D
4 x 150 SM	0.206	300	311	47.0	2724	500 D
4 x 185 SE	0.164	342	360	48.1	3197	500 D
4 x 185 SM	0.164	342	360	52.3	3349	500 D
4 x 240 SE	0.125	398	427	53.4	4024	500 D
4 x 240 SM	0.125	398	427	58.0	4206	500 D
4 x 300 SM	0.1	457	507	66.0	5050	500 D

Technical changes reserved. All figures are therefore without guarantee.