We Make Modern
Life Possible.

POWER CABLES AND OVERHEAD LINES 0.6/1 KV

NA2XY-J or NA2XY-O

XLPE/PVC aluminium underground 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 – if no risk of any mechanical damage is to be expected.



TECHNICAL DATA

Standard
DIN VDE 0276-603

Certificate
VDE

Test Voltage
4 kV / 50 Hz

Rated Voltage
0.6/1 kV (Uo/U)

Bending radius (min.)
12 x Ø of cable

Fire properties
EN 60332-1-2: flame retardant and self-extinguishing

Core identification
HD 308 S2

Temperature range
Laying temperature: min. -5°C
Operating temperature: -50°C up to 90°C
Conductor temperature: max. 90°C
Short circuit temperature: max. 250°C

DESIGN



NA2XY-J or NA2XY-O
XLPE/PVC aluminium underground cable

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 25 RM	1.2	114	106	11.5	175	1000 D
1 x 35 RM	0.868	136	130	13.0	206	1000 D
1 x 50 RM	0.641	162	161	14.9	267	1000 D
1 x 70 RM	0.443	199	204	16.3	385	1000 D
1 x 95 RM	0.32	238	252	18.9	451	1000 D
1 x 120 RM	0.253	272	295	19.8	571	1000 D
1 x 150 RM	0.206	305	339	21.5	640	500 D, 1000 D
1 x 185 RM	0.164	347	395	23.9	895	500 D, 1000 D
1 x 240 RM	0.125	404	472	26.3	984	500 D, 1000 D
1 x 300 RM	0.1	457	547	29.0	1180	500 D, 1000 D
1 x 400 RM	0.078	525	643	32.7	1522	500 D, 1000 D
1 x 500 RM	0.061	754	601	36.5	1922	500 D, 1000 D
3 x 185 SM	0.164	342	360	45.7	2347	500 D
3 x 25 RM	1.2	112	102	20.0	587	1000 D
3 x 35 RM	0.868	135	126	22.5	531	1000 D
3 x 185 SM	0.164	342	360	45.7	2347	1000 D
4 x 25 RE	1.2	112	102	25.5	885	1000 D
4 x 25 RM	1.2	112	102	26.7	895	1000 D
4 x 35 RM	0.868	135	126	29.3	1010	1000 D
4 x 35 SM	0.868	135	126	25.9	690	1000 D
4 x 50 SM	0.641	158	149	34.4	1100	1000 D
4 x 70 SM	0.443	196	191	38.0	1440	1000 D
4 x 95 SM	0.32	234	234	41.5	1810	1000 D
4 x 120 SM	0.253	268	273	46.6	2180	1000 D
4 x 150 SM	0.206	300	311	50.4	2750	500 D
4 x 185 SM	0.164	342	360	53.5	3470	500 D
4 x 240 SE	0.125	398	427	55.8	4090	500 D
4 x 240 SM	0.125	398	427	63.2	4290	500 D
5 x 35 SM	0.868	135	126	31.0	1195	1000 D
5 x 35 SM	0.868	135	126	31.0	1195	1000 D

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

Natalia Dikovits
Sales
+43 (0) 1 70170-120
natalia.dikovits@skw.at

