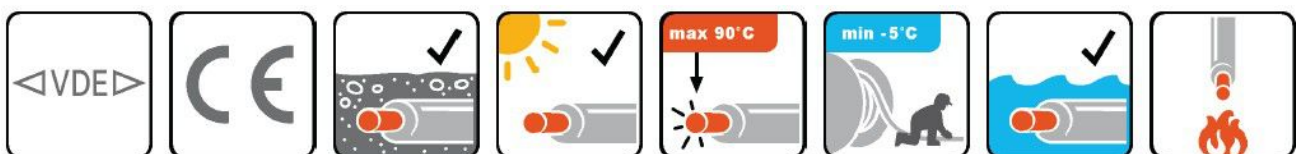


## Power cable NA2XY



<b>conductor material:</b>	aluminium	
<b>insulation:</b>	XLPE DIX3	
<b>sheathing material:</b>	PVC DMV6	
<b>colour of outer sheath:</b>	black	
<b>meter mark:</b>	yes	
<b>flame retardant:</b>	VDE 0482-332-1-2/IEC 60332-1	
<b>maximum temperature at conductor:</b>	90 ° C	
<b>max. operating temperature, fixed:</b>	90 ° C	
<b>temperature, moved/during installation:</b>	-5 - +70 ° C	
<b>bending radius, fixed installation:</b>	15 x DA	
	<b>NA2XY-J</b>	<b>NA2XY-O</b>
<b>nominal voltage U<sub>0</sub>:</b>	600 V	600 V
<b>nominal voltage U:</b>	1 kV	1 kV
<b>maximum permitted operating voltage in 3-phase systems:</b>	1,2 kV	1,2 kV
<b>test voltage:</b>	4 kV	4 kV
<b>protective conductor:</b>	yes	no
<b>core identification:</b>	colours acc. VDE 0293 (HD308)	colours acc. VDE 0293 (HD308)

**Application:** For fixed installation in buildings, in free air, in ground and in water.



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\* ZMS--- TRANS MORE \*

The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

Table: Technical characteristics **NA2XY-J**

part name		RI.	Wi.	lbl.	lbe.	lk	Wm	DA.	Fzv.	AI	G
		[ $\Omega$ /km]	[mm]	[A]	[A]	[kA]	[mm]	[mm]	[N]	[kg/km]	[kg]
NA2XY-J	03X70/35	0,443	1,1	191	196	6,58	2		7350	711	1141
NA2XY-J	03X95/50	0,32	1,1	234	234	8,93	2,1		10050	972	1487
NA2XY-J	03X120/70	0,253	1,2	273	268	11,28	2,3		12900	1247	1837
NA2XY-J	03X150/70	0,206	1,4	311	300	14,1	2,4	41,6	15600	1508	2212
NA2XY-J	03X185/95	0,164	1,6	360	342	17,4	2,6		19500	1886	2744
NA2XY-J	03X240/120	0,125	1,7	427	398	22,6	2,8		25200	2436	3490
NA2XY-J	03X16 0,6/1KV							18		139	405
NA2XY-J	04X16 0,6/1KV	1,91						19,5	1920	186	470
NA2XY-J	04X25 0,6/1KV	1,2		102	112	1,9		23	3000	290	670
NA2XY-J	04X35 0,6/1KV	0,869	0,9	126	135	3,29	1,8	25,5	4200	406	835
NA2XY-J	04X50 0,6/1KV	0,641	1	149	158	4,7	1,9	27	6000	580	930
NA2XY-J	04X70 0,6/1KV	0,443	1,1	191	196	6,58	2	30,5	8400	812	1245
NA2XY-J	04X95 0,6/1KV	0,32	1,1	234	234	8,93	2,1	34	11400	1102	1620
NA2XY-J	04X120 0,6/1KV	0,253	1,2	273	268	11,28	2,3	38	14400	1392	1990
NA2XY-J	04X150 0,6/1KV	0,206	1,4	311	300	14,1	2,4	42	18002	1740	2450
NA2XY-J	04X185 0,6/1KV	0,164	1,6	360	342	17,3	2,6	46	22200	2146	3000
NA2XY-J	04X240 0,6/1KV	0,125	1,7	427	398	22,5	2,8	52	28800	2784	3860

Table: Technical characteristics **NA2XY-O**

part name		RI.	Wi.	lbl.	lbe.	lk	Wm	DA.	Fzv.	AI	G
		[ $\Omega$ /km]	[mm]	[A]	[A]	[kA]	[mm]	[mm]	[N]	[kg/km]	[kg]
NA2XY-O	01X16	1,91	0,7			1,5	1,8	9,5	480	46,4	120
NA2XY-O	1X25	1,2						11,5		73	175
NA2XY-O	1X120	0,253						20		348	535
NA2XY-O	01X240	0,125	1,7	472	404	22,5	1,8	25,5	7200	696	895
NA2XY-O	01X300	0,1	1,8	547	457	28,2	1,8		9000	870	1379

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NA2XY-O	01X400	0,0778	2	643	525	37,6	1,9	32	12000	1160	1466
NA2XY-O	01X500	0,0605	2,2	754	601	47	2	36	15000	1450	1850
NA2XY-O	01X630	0,0469		882	687			40	18900	1827	2350

RI	conductor resistance
Wi	thickness of insulation
Ibl	ampacity (in air)
Ibe	ampacity (in ground)
Ik	short circuit current (1 s)
Wm	thickness of outer sheath
DA	outer diameter
Fzv	tensile strength (during installation)
Al	Aluminium
G	weight