

# Power cable

## N2XY

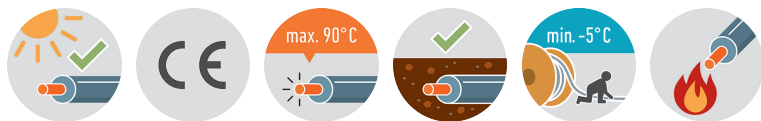


DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

**Application:** For fixed installation indoors, outdoors, in ground and in water.

### Construction and technical data:

<b>CPR-classification according to EN 50575:</b>	Eca
<b>Standard:</b>	VDE 0276-603
<b>Conductor material:</b>	copper, bare
<b>Conductor construction:</b>	class 1, from 25 sqmm class 2
<b>Insulation:</b>	XLPE DIX3
<b>Sheathing material:</b>	PVC DMV5
<b>Flame-retardant:</b>	VDE 0482-332-1-2/IEC 60332-1-2
<b>UV-resistant:</b>	yes
<b>For outdoor use:</b>	yes
<b>Max. temperature at conductor, °C:</b>	90 °C
<b>Permitted outer cable temperature, fixed, °C:</b>	-35 - +70 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-5 - +70 °C
<b>Bending radius, fixed installation:</b>	15 x Ø



*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.*

## N2XY-J VDE

<b>Nominal voltage U<sub>o</sub>:</b>	0.6 kV
<b>Nominal voltage U:</b>	1 kV
<b>Maximum permitted operating voltage in three-phase systems:</b>	1.2 kV
<b>Test voltage:</b>	4 kV
<b>Protective conductor:</b>	yes
<b>Core identification:</b>	colours acc. to VDE 0293 (HD 308); more than 5 cores: gn-ye + numbers

part no.	part name		RI [Ohm/km]	Ø [mm]	Cu [kg/km]	G [kg]
015408	01X185	RMv	0.0991	23.3	1776	1882
015409	01X240	RMv	0.0754	26	2304	2415
015344	01X150	RMv		21.5	1440	1500

## N2XY-O VDE

<b>Nominal voltage U<sub>o</sub>:</b>	0.6 kV
<b>Nominal voltage U:</b>	1 kV
<b>Maximum permitted operating voltage in three-phase systems:</b>	1.2 kV
<b>Test voltage:</b>	4 kV
<b>Protective conductor:</b>	no
<b>Core identification:</b>	colours acc. to HD 308; more than 5 cores: numbers

part no.	part name		RI [Ohm/km]	I <sub>bl</sub> [A]	I <sub>be</sub> [A]	Ø [mm]	Cu [kg/km]	G [kg]
015410	01X185	RMv	0.0991	507	445	23.3	1776	1882
015411	01X240	RMv	0.0754	604	517	26	2304	2415
015345	01X300	RMv	0.601	697	583	29	2880	3000
013201	01X400	RMv	0.047	737	671	31.5	3840	4100
012468	01X500	RMv	0.0366	807	749	38	4800	4942

RI	Conductor resistance
I <sub>bl</sub>	Ampacity in air (30 °C)
I <sub>be</sub>	Ampacity in ground (20 °C)
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000