

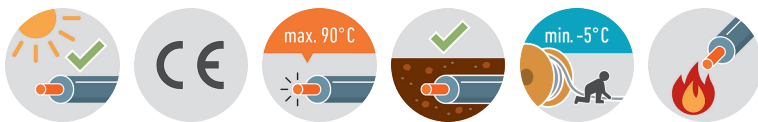
Power cable N2XY



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

Construction and technical data:

CPR-classification according to EN 50575:	Eca
Standard:	VDE 0276-603
Conductor material:	copper, bare
Conductor construction:	Class 2 = stranded
Insulation:	XLPE
Sheathing material:	PVC
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
UV-resistant:	yes
For outdoor use:	yes
Max. temperature at conductor, °C:	90 °C
Max. short circuit temperature at conductor, °C:	250 °C
Permitted outer cable temperature, fixed, °C:	+50 °C
Permitted outer cable temperature, moved, °C:	-5 - +50 °C
Maximum tensile strength (installation), N:	50 N
Bending radius, fixed installation, singlecore:	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-O VDE

Nominal voltage U_o:	0.6 kV
Nominal voltage U:	1 kV
Maximum permitted operating voltage in three-phase systems:	1.2 kV
Test voltage:	4 kV
Protective conductor:	no
Core identification:	colours acc. to VDE 0293 (HD308)

part no.	part name		RI [Ohm/km]	I _{bl} [A]	I _{be} [A]	R _{bv} [mm]	Ø [mm]	Cu	G [kg]
015889	01X50	RMv	0.387	207	209	221	14.7	480	565
015890	01X70	RMv	0.268	263	256	249	16.6	672	775
015566	01X120	RMv	0.153	380	349	291	19.4	1152	1248
015894	01X150	RMv	0.124	437	393	326	21.7	1440	1538
015411	01X240	RMv	0.0754	604	517	390	26	2304	2415
015345	01X300	RMv	0.0601	697	583	435	29	2880	3000
013201	01X400	RMv	0.047	811	663	473	31.5	3840	4100
012468	01X500	RMv	0.0366	940	749	570	38	4800	4942

RI	Conductor resistance
I _{bl}	Ampacity in air (30 °C)
I _{be}	Ampacity in ground (20 °C)
R _{bv}	Bending radius, fixed installation
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000