

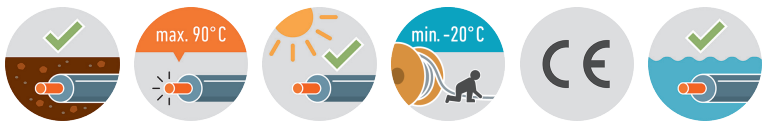
# Power cable (N)A2X2Y



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

## Construction and technical data:

<b>Standard:</b>	VDE 0276/603 & IEC 60502-1 (with ref. to)
<b>Conductor material:</b>	aluminium
<b>Conductor construction:</b>	Class 2 = stranded
<b>Insulation:</b>	XLPE DIX3
<b>Sheathing material:</b>	polyethylene DMP2
<b>Colour of outer sheath:</b>	black
<b>Flame-retardant:</b>	none
<b>UV-resistant:</b>	yes
<b>Max. temperature at conductor, °C:</b>	90 °C
<b>Permitted outer cable temperature, fixed, °C:</b>	-20 - +70 °C
<b>Bending radius, fixed installation:</b>	15 x Ø
<b>Meter mark:</b>	yes



*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.*

## (N)A2X2Y 1.8/3KV

<b>Nominal voltage U<sub>0</sub>:</b>	1.8 kV
<b>Nominal voltage U:</b>	3 kV
<b>Maximum permitted operating voltage in three-phase systems:</b>	3.6 kV
<b>Test voltage:</b>	6 kV
<b>Protective conductor:</b>	no

part no.	part name		RI [Ohm/km]	Wi [mm]	Wm [mm]	Ø [mm]	Fzv [N]	AI	G [kg]
015517	1x70	RM	0.443	2.1	2	18.5	2100	203	361
015518	1x95	RM	0.32	2.1	2	20.5	2850	286	449

part no.	part name		RI [Ohm/km]	Wi [mm]	Wm [mm]	Ø [mm]	Fzv [N]	Al	G [kg]
015519	1x120	RM	0.253	2.1	2	22	3600	348	531
015520	1x150	RM	0.206	2.1	2	23	4500	435	620
015521	1x185	RM	0.164	2.1	2	25	5550	536	742
015522	1x240	RM	0.125	2.1	2	27.5	7200	696	923

RI	Conductor resistance
Wi	Insulation wall thickness
Wm	Wall thickness of sheath
Ø	outer diameter approx.
Fzv	Tensile strength (during installation)
Al	Aluminium weight (GER)
G	net weight per 1000