

Installation cable

NI2XY



Application: Indoors, at the surface, inside or under plaster in dry and moist rooms and outdoors, but not in water or in the ground.

Construction and technical data:

Standard:	VDE 0262
Conductor material:	copper, bare
Conductor construction:	class 1, up from 16 sqmm class 2
Insulation:	XLPE
Sheathing material:	PVC
Colour of outer sheath:	grey
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
UV-resistant:	yes
For outdoor use:	yes
Permitted outer cable temperature, fixed, °C:	-30 - +90 °C
Permitted outer cable temperature, moved, °C:	-5 - +90 °C
Bending radius, fixed installation:	4 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.

NI2XY-J 0.6/1 kV

Nominal voltage U₀:	0.6 kV
Nominal voltage U:	1 kV
Test voltage:	4 kV
Protective conductor:	yes
Core identification:	colours acc. to VDE 0293 (HD 308); more than 5 cores: gn-ye + numbers

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
020322	3X1.5	12.1	8.9	43,2	122

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
020323	5X1.5	12.1	10.5	72	160
020324	3X2.5	7.41	9.8	72	170
020325	5X2.5	7.41	11.5	120	228

RI	Conductor resistance
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000