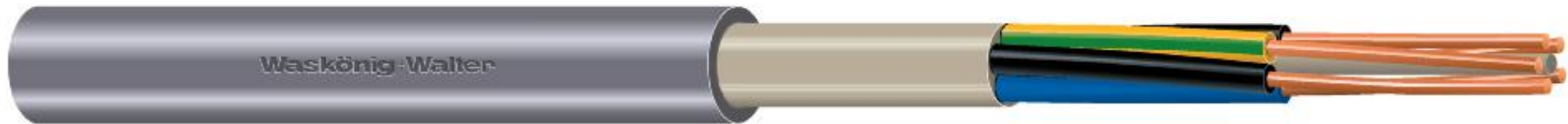


**Power cable  $\geq 1$  kV, for permanent installation**

**NI2XY-J**

Power cable, XLPE insulated , copper conductor, PVC outersheath

0.6/1 kV



According to VDE 0262.

Characteristics	Properties	Unit
Conductor material	Copper	
Conductor surface	Bare	
Conductor category	Class 1 = solid	
Shape of conductor	Round	
Insulation	XLPE (VPE)	
Core identification	Colour	
Protective conductor	Ja	
Inner semi-conducting layer	No	
Outer semi-conducting layer	No	
Screen	No	
Concentric conductor	None	
Armouring	No	
Material outer sheath	Polyvinyl chloride (PVC)	

Characteristics	Properties	Unit
Specification material outer sheath	Other	
Colour outer sheath	Grey	
Reaction-to-fire class according to EN 13501-6	Eca	
Halogen free (acc. EN 60754-1/2)	No	
Flame retardant	In accordance with EN 60332-1-2	
Low smoke (acc. EN 61034-2)	No	
Minimum bending radius	4	x Außen-Ø
Max. conductor temperature	90	°C
Permitted cable outer temperature during assembling/handling	-5 <=> 70	°C
Nominal voltage U0	0.6	kV
Nominal voltage U	1	kV
max. short circuit temperature	250	°C

Bruttogewicht pro Paletteinheit	Metal number	Min. permitted bending radius, stationary application/permanent installation	Nominal cross section conductor	Number of cores	Outer diameter approx.	Paletteinheit	Individual length	Net weight	Packing
576,720 kg	Copper 43	36 mm	1.5 mm <sup>2</sup>	3 Stck	9 mm	4.800 m	100 m	115 kg	Ring
754,800 kg	Copper 43	36 mm	1.5 mm <sup>2</sup>	3 Stck	9 mm	6.000 m	500 m	115 kg	Drum
593,080 kg	Copper 72	44 mm	1.5 mm <sup>2</sup>	5 Stck	11 mm	3.600 m	100 m	158 kg	Ring
357,220 kg	Copper 72	44 mm	1.5 mm <sup>2</sup>	5 Stck	11 mm	2.000 m	500 m	158 kg	Drum
357,220 kg	Copper 768	76 mm	16 mm <sup>2</sup>	5 Stck	19 mm	2.000 m	Cut length	923 kg	Ring, drum
357,220 kg	Copper 615	68 mm	16 mm <sup>2</sup>	4 Stck	17 mm	2.000 m	Cut length	750 kg	Ring, drum
848,130 kg	Copper 615	68 mm	16 mm <sup>2</sup>	4 Stck	17 mm	1.100 m	50 m	750 kg	Ring
773,100 kg	Copper 615	68 mm	16 mm <sup>2</sup>	4 Stck	17 mm	1.000 m	100 m	750 kg	Ring

Bruttogewicht pro Paletteinheit	Metal number	Min. permitted bending radius, stationary application/permanent installation	Nominal cross section conductor	Number of cores	Outer diameter approx.	Paletteinheit	Individual length	Net weight	Packing
422,150 kg	Copper 615	68 mm	16 mm <sup>2</sup>	4 Stck	17 mm	500 m	500 m	750 kg	Drum
1.037,830 kg	Copper 768	76 mm	16 mm <sup>2</sup>	5 Stck	19 mm	1.100 m	50 m	923 kg	Ring
945,550 kg	Copper 768	76 mm	16 mm <sup>2</sup>	5 Stck	19 mm	1.000 m	100 m	923 kg	Ring
508,380 kg	Copper 768	76 mm	16 mm <sup>2</sup>	5 Stck	19 mm	500 m	500 m	923 kg	Drum
707,080 kg	Copper 72	76 mm	1.5 mm <sup>2</sup>	5 Stck	11 mm	4.000 m	1000 m	158 kg	Drum
502,000 kg	Copper 43	76 mm	1.5 mm <sup>2</sup>	3 Stck	9 mm	4.000 m	1000 m	115 kg	Drum