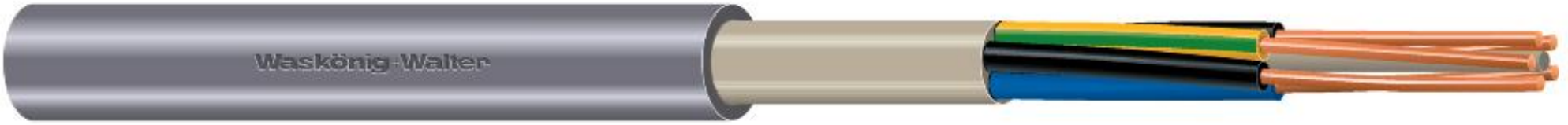
Power cable

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	
Core identification	Colour	
Protective conductor	Yes	
Inner semi-conducting layer	No	
Outer semi-conducting layer	No	
Screen	No	
Concentric conductor	None	
Armouring	No	
Material outer sheath	Polyvinyl chloride (PVC)	
Specification material outer sheath	Other	
Colour outer sheath	Grey	

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Characteristics	Properties	Unit
Reaction-to-fire according to EN 13501-6: Class	Eca	
Halogen free (acc. EN 60754-1/2)	No	
Flame retardant	In accordance with IEC/EN 60332-1-2	
Low smoke (acc. EN 61034-2)	No	
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
Insulation	XLPE (VPE)	
Minimum bending radius	4	x Außen-Ø
Core identification according to HD 308 S2		
Laminated sheath		
Fibre optic elements		
Cable geometry		
Conductive coating		
Longitudinal water blocking conductors		
Longitudinal water blocking screen		
Suitable as installation cable		
Certified for shipboard application		
Suitable as medium-voltage cable		
Suitable as high-voltage cable		
Certified as airport lighting cable		

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Product						Packaging						
Number of cores	Nominal cross section conductor (in mm²)	Kerndurchmesser (in mm)	Min. permitted bending radius, stationary application/permaner installation (in mm)	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Außendurchmesser (in mm)	Bruttogewicht pro Paletteinheit (in kg)	Höhe (in mm)	Paletteinheit (in m)	Net weight (in kg)
3	1.5	200	36	9	115.4	Ring	100	390	566.5	86	4,800	11
3	1.5	150	36	9	115.4	Drum	500	410	739.62	419	6,000	57
3	1.5	260		9	115.4	Drum	1000	600	493.48	419	4,000	113
4	16		68	17	750.3	Ring	50		838.14		1,100	37
5	1.5	200	44	11	158.45	Ring	100	390	586.34	117	3,600	16
5	1.5	150	44	11	158.45	Drum	500	500	840.5	419	5,000	78
5	1.5	315		11	158.45	Drum	1000	752	699.6	419	4,000	157
5	16		76	19	922.75	Ring	100		936.36		1,000	91
5	16	450	76	19	922.75	Drum	500	900	503.78	690	500	457

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