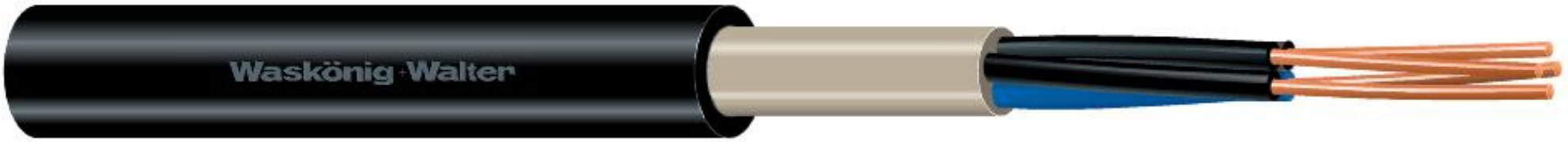
Waskönig + Walter

Power cable

N2XH-0 Eca

Power cable, XLPE insulated, copper conductor, halogen-free, improved behaviourin case of fire

0.6/1 kV



Characteristics	Properties	Unit
Conductor material	Copper	
Conductor surface	Bare	
Shape of conductor	Round	
Core identification according to HD 308 S2	Yes	
Core identification	Colour	
Laminated sheath	No	
Fibre optic elements	No	
Protective conductor	No	
Inner semi-conducting layer	No	
Outer semi-conducting layer	No	
Screen	No	
Concentric conductor	None	
Armouring	No	
Material outer sheath	Polyolefin	
Specification material outer sheath	Polyethylene (PE)	

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Characteristics	Properties	Unit
Colour outer sheath	Black	
Conductive coating	No	
Longitudinal water blocking screen	No	
Reaction-to-fire according to EN 13501-6: Class	Eca	
Halogen free (acc. EN 60754-1/2)	Yes	
Flame retardant	In accordance with IEC/EN 60332-3-24	
Low smoke (acc. EN 61034-2)	Yes	
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)	

Product							Packaging		
Number of cores	Nominal cross section conductor (in mm^2)	Conductor category	Longitudinal water blocking conductors	Minimum bending radius (in x Außen-Ø)	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Net weight (in kg)
1	4	Class 1 = solid	Yes	15	7	71.53	Ring, Drum	Cut length	72
1	6	Class 1 = solid	Yes	15	7	91.95	Ring, Drum	Cut length	92
1	10	Class 1 = solid	Yes	15	8	133.32	Ring, Drum	Cut length	133
1	16	Class 2 = stranded	No	15	9	197.43	Ring, Drum	Cut length	198
1	25	Class 2 = stranded	No	15	11	294.04	Ring, Drum	Cut length	295
1	35	Class 2 = stranded	No	15	12	387.28	Ring, Drum	Cut length	388

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Product							Packaging		
Number of cores	Nominal cross section conductor (in mm²)	Conductor category	Longitudinal water blocking conductors	Minimum bending radius (in x Außen-Ø)	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Net weight (in kg)
1	50	Class 2 = stranded	No	15	13	508.44	Ring, Drum	Cut length	509
1	70	Class 2 = stranded	No	15	15	721.26	Ring, Drum	Cut length	722
2	1.5	Class 1 = solid	Yes	12	9	112.6	Ring, Drum	Cut length	113

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