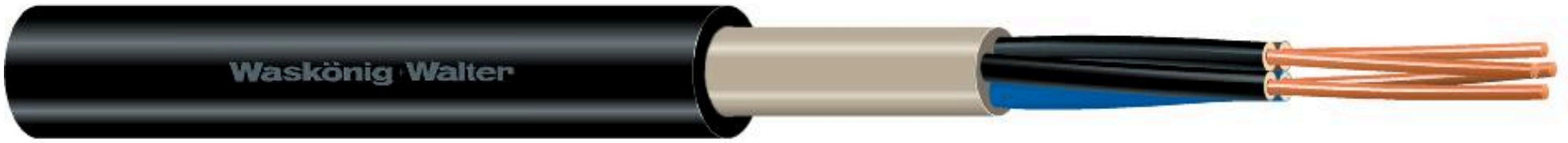
Waskönig + Walter

Power cable

NYY-0

Power cable, PVC insulated, copper conductor

0.6/1 kV





According to VDE 0276 part 603 and 627.

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	

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Characteristics	Properties	Unit
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	Polyvinyl chloride (PVC)	
Specification material outer sheath	Other	
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)	No	
Flame retardant	In accordance with IEC/EN 60332-1-2	
Low smoke (acc. EN 61034-2)	No	
Max. conductor temperature	70	°C
Permitted cable outer temperature during assembling/handling	-5 <=> 70	°C
Permitted cable outer temperature after assembling without vibration	-35 <=> 70	°C
Nominal voltage U0	0.6	kV
Nominal voltage U	1	kV
max. short circuit temperature	160	°C
Insulation	PVC	

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Product									Packaging						
Number of cores	Nominal cross section conductor (in mm²)	Conductor category	Core diameter	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permanent installation (in mm)	Minimum bending radius (in x Außen-Ø)	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Bruttogewicht pro Paletteinheit	Height	Outer diameter	pallet unit	Net weight (in kg)
1	10	Class 1 = solid			150	15	10	168.13	Ring, Drum	Cut length					169
1	16	Class 1 = solid			165	15	11	229.72	Ring, Drum	Cut length					230
1	16	Class 1 = solid	355		165	15	11	229.72	Drum	500	140.09	520	710	501	115
1	25	Class 2 = stranded		No	195	15	13	348.56	Ring, Drum	Cut length					349
1	25	Class 2 = stranded			195	15	13	348.56	Ring, Drum	Cut length					349
1	25	Class 2 = stranded	200		195	15	13	348.56	Ring	100	719.92	129	430	2,000	35
1	25	Class 2 = stranded	315		195	15	13	348.56	Drum	500	201.28	462	710	500	174
1	35	Class 2 = stranded			210	15	14	448.08	Ring, Drum	Cut length					448
1	35	Class 2 = stranded			210	15	14	448.08	Ring, Drum	Cut length					448
1	35	Class 2 = stranded	400		210	15	14	448.08	Drum	500	255.04	520	800	500	224
1	50	Class 2 = stranded			225	15	15	583.51	Ring, Drum	Cut length					584
1	50	Class 2 = stranded			225	15	15	583.51	Ring, Drum	Cut length					584
1	50	Class 2 = stranded	300		225	15	15	583.51	Ring	50	635.49	142	430	1,050	29
1	50	Class 2 = stranded	300		225	15	15	583.51	Ring	100	956.42	104	590	1,600	58
1	50	Class 2 = stranded	315		225	15	15	583.51	Drum	500	323.76	462	800	500	292
1	50	Class 2 = stranded	315		225	15	15	583.51	Drum	500	323.76	462	800	500	292
1	70	Class 2 = stranded			255	15	17	795.85	Ring, Drum	Cut length					796
1	70	Class 2 = stranded	450		255	15	17	795.85	Drum	500	444.93	690	900	500	398
1	95	Class 2 = stranded			285	15	19	1,067.1	Ring, Drum	Cut length					1,067
1	95	Class 2 = stranded	450		285	15	19	1,067.1	Drum	500	580.55	690	900	500	534
1	120	Class 2 = stranded			300	15	20	1,296.2	Ring, Drum	Cut length					1,296

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Product									Packaging						
Number of cores	Nominal cross section conductor (in mm²)	Conductor category	Core diameter	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permane installation (in mm)	Minimum bending radius (in x Außen-Ø)	Outer diameter ap prox. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Bruttogewicht pro Paletteinheit	Height	Outer diameter	pallet unit	Net weight (in kg)
1	120	Class 2 = stranded	500		300	15	20	1,296.2	Drum	500	719.1	710	1,000	500	648
1	150	Class 2 = stranded		No	330	15	22	1,591.9	Ring, Drum	Cut length					1,592
1	150	Class 2 = stranded	500		330	15	22	1,591.9	Drum	500	866.95	710	1,000	500	796
1	185	Class 2 = stranded		No	360	15	24	1,954.1	Ring, Drum	Cut length					1,954
1	185	Class 2 = stranded	630	No	360	15	24	1,954.1	Drum	500	1,121.05	890	1,250	500	977
1	240	Class 2 = stranded		No	405	15	27	2,525.2	Ring, Drum	Cut length					2,525
1	240	Class 2 = stranded	630		405	15	27	2,525.2	Drum	500	1,406.6	890	1,250	500	1,263
1	300	Class 2 = stranded			450	15	30	3,150.1	Ring, Drum	Cut length					3,150
1	300	Class 2 = stranded	630			15	30	3,150.1	Drum	500	1,719.05	890	1,250	500	1,575
1	400	Class 2 = stranded			510	15	34	3,994.4	Ring, Drum	Cut length					3,994
1	400	Class 2 = stranded			510	15	34	3,994.4	Ring, Drum	Cut length					3,994
1	400	Class 2 = stranded	710			15	34	3,994.4	Drum	500	2,172.2	890	1,400	500	1,997
4	10	Class 1 = solid			228	12	19	687.34	Ring, Drum	Cut length					662
4	10	Class 1 = solid	450		228	12	19	687.34	Drum	500	377.84	690	900	500	331
4	16	Class 1 = solid			240	12	20	930.78	Ring, Drum	Cut length					931
4	16	Class 1 = solid			240	12	20	930.78	Ring, Drum	Cut length					931
4	16	Class 1 = solid	500		240	12	20	930.78	Drum	500	536.39	710	1,000	500	465

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