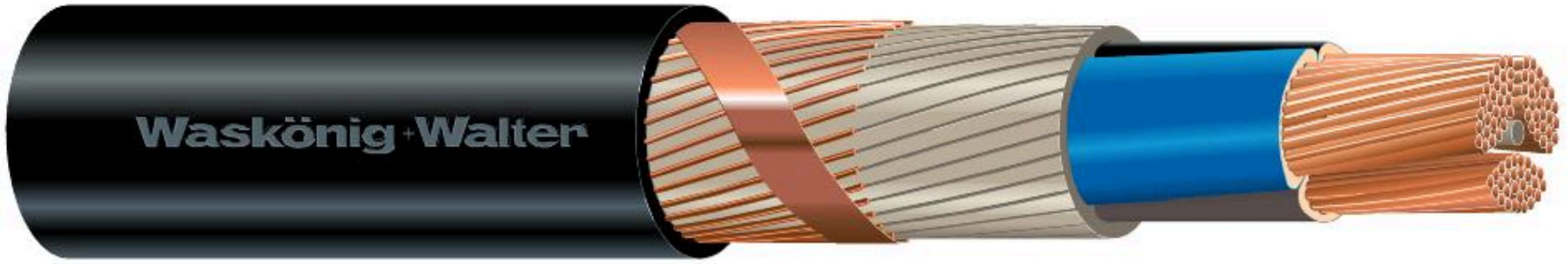
Power cable

NYCWY

Power cable, PVC insulated, copper conductor, concentric copper conductor waveform

0.6/1 kV



According to VDE 0276 part 603.

Characteristics	Properties	Unit
Conductor material	Copper	
Conductor surface	Bare	
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	Copper	

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Characteristics	Properties	Unit
Armouring	No	
Material outer sheath	Polyvinyl chloride (PVC)	
Specification material outer sheath	Other	
Colour outer sheath	Black	
Conductive coating	No	
Longitudinal water blocking conductors	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	-30 <=> 70	°C
Nominal voltage U0	0.6	kV
Nominal voltage U	1	kV
max. short circuit temperature	160	°C
Insulation	PVC	
Minimum bending radius	12	x Außen-Ø
pallet unit	500	m

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Product									Packaging					
Number of cores	Nominal cross section conductor (in mm²)	Conductor category	Core diameter	Min. permitted bending radius, stationary application/permanent installation (in mm)	Nominal cross section concentric conductor (in mm²)	Outer diameter approx. (in mm)	Shape of conductor	Weight (in kg/km)	Packing	Individual length (in m)	Bruttogewicht pro Paletteinheit	Height	Outer diameter	Net weight (in kg)
2	10	Class 1 = solid		216	10	18	Round	588.75	Ring, Drum	Cut length				592
2	16	Class 1 = solid		240	16	20	Round	813.89	Ring, Drum	Cut length				814
3	10	Class 1 = solid		228	10	19	Round	685.71	Ring, Drum	Cut length				690
3	10	Class 1 = solid	450	228	10	19	Round	685.71	Drum	500	392.05	690	900	345
3	16	Class 1 = solid		252	16	21	Round	960.26	Ring, Drum	Cut length				960
3	16	Class 1 = solid	500	252	16	21	Round	960.26	Drum	500	551.13	710	1,000	480
4	10	Class 1 = solid		240	10	20	Round	812.38	Ring, Drum	Cut length				818
4	10	Class 1 = solid	500	240	10	20	Round	812.38	Drum	500	479.95	710	1,000	409
4	16	Class 1 = solid		276	16	23	Round	1,144.7	Ring, Drum	Cut length				1,145
4	16	Class 1 = solid	500	276	16	23	Round	1,144.7	Drum	500	643.35	710	1,000	572
4	25	Class 2 = stranded		324	16	27	Round	1,672.7	Ring, Drum	Cut length				1,673
4	25	Class 2 = stranded	630	324	16	27	Round	1,672.7	Drum	500	980.35	890	1,250	836
4	35	Class 2 = stranded			16	30	Round	2,119.3	Ring, Drum	Cut length				2,119
4	35	Class 2 = stranded	630		16	30	Round	2,119.3	Drum	500	1,203.65	890	1,250	1,060
4	50	Class 2 = stranded		384	25	32	Sector-shaped	2,646.3	Ring, Drum	Cut length				2,646
4	50	Class 2 = stranded	630	384	25	32	Sector-shaped	2,646.3	Drum	500	1,467.15	890	1,250	1,323
4	70	Class 2 = stranded		408	35	34	Sector-shaped	3,515.8	Ring, Drum	Cut length				3,516
4	95	Class 2 = stranded		480	50	40	Sector-shaped	4,933	Ring, Drum	Cut length				4,933
4	95	Class 2 = stranded	800		50	40	Sector-shaped	4,933	Drum	500	2,742.5	1,030	1,600	2,467
4	120	Class 2 = stranded		540	70	45	Sector-shaped	6,241.9	Ring, Drum	Cut length				6,242
4	120	Class 2 = stranded	1,000		70	45	Sector-shaped	6,241.9	Drum	500	3,461.95	1,030	1,800	3,121

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Status: 24.11.2026
Subject to technical alterations

Waskönig + Walter

Product									Packaging					
Number of cores	Nominal cross section conductor (in mm²)	Conductor category	Core diameter	Min. permitted bending radius, stationary application/permane installation (in mm)	Nominal cross section concentric conductor (in mm²)	Outer diameter ap prox. (in mm)	Shape of conductor	Weight (in kg/km)	Packing	Individual length (in m)	Bruttogewicht pro Paletteinheit	Height	Outer diameter	Net weight (in kg)
4	150	Class 2 = stranded		564	70	47	Sector-shaped	7,342.1	Ring, Drum	Cut length				7,342
4	150	Class 2 = stranded	1,000		70	47	Sector-shaped	7,342.1	Drum	500	4,150.05	1,275	2,000	3,671
4	185	Class 2 = stranded		648	95	54	Sector-shaped	9,382.3	Ring, Drum	Cut length				9,382
4	185	Class 2 = stranded	1,000		95	54	Sector-shaped	9,382.3	Drum	500	5,170.15	1,275	2,000	4,691
4	240	Class 2 = stranded		708	120	59	Sector-shaped	11,919	Ring, Drum	Cut length				11,919
4	240	Class 2 = stranded	1,400		120	59	Sector-shaped	11,919	Drum	500	6,669.5	1,450	2,240	5,960

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