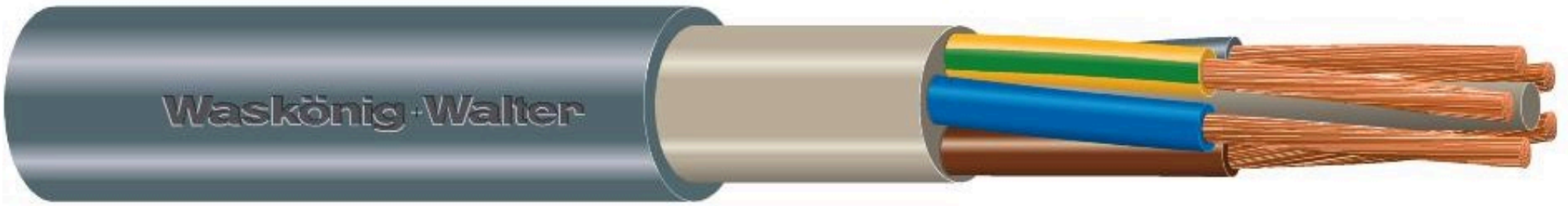
Waskönig + Walter

Power cable

YMvK-ss Dca

Power cable, XLPE insulated, copper conductor, improved behavior in case of fire

0.6/1 kV



according HD 604 4D.

Characteristics	Properties	Unit
Conductor material	Copper	
Conductor surface	Bare	
Conductor category	Class 5 = flexible	
Shape of conductor	Round	
Core identification according to HD 308 S2	Yes	
Core identification	Colour	
Laminated sheath	No	
Fibre optic elements	No	
Protective conductor	Yes	
Inner semi-conducting layer	No	
Outer semi-conducting layer	No	
Screen	No	

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Characteristics	Properties	Unit
Concentric conductor	None	
Armouring	No	
Material outer sheath	Polyvinyl chloride (PVC)	
Specification material outer sheath	Other	
Colour outer sheath	Grey	
Conductive coating	No	
Longitudinal water blocking conductors	No	
Longitudinal water blocking screen	No	
Reaction-to-fire according to EN 13501-6: Class	Dca	
Reaction-to-fire according to EN 13501-6: Smoke production	s2	
Reaction-to-fire according to EN 13501-6: Flaming droplets/particles	d2	
Reaction-to-fire according to EN 13501-6: Acidity	a3	
Halogen free (acc. EN 60754-1/2)	No	
Flame retardant	In accordance with IEC/EN 60332-3-24	
Low smoke (acc. EN 61034-2)	No	
Max. conductor temperature	90	°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	250	°C
Insulation	XLPE (VPE)	
Minimum bending radius	12	x Außen-Ø
pallet unit	500	m
Outer diameter	1,000	mm
Core diameter	500	mm
Height	705	mm

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Characteristics	Properties	Unit
Bruttogewicht pro Paletteinheit	580.45	kg

Product					Packaging		
Number of cores	Nominal cross section conductor (in mm^2)	Min. permitted bending radius, stationary application/permanent installation (in mm)	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Net weight (in kg)
4	35	336	28	1,855	Ring, Drum	Cut length	1,855
4	50	384	32	2,526.5	Ring, Drum	Cut length	2,527
5	10		19	724.67	Ring, Drum	Cut length	725
5	10		19	724.67	Ring, Drum	Cut length	725
5	16	264	22	1,024.9	Ring, Drum	Cut length	1,025
5	16	264	22	1,024.9	Drum	500	512
5	25	324	27	1,631.4	Ring, Drum	Cut length	1,631
5	35	372	31	2,266.1	Ring, Drum	Cut length	2,266
5	50	420	35	3,119.5	Ring, Drum	Cut length	3,120
5	70	504	42	4,068.8	Ring, Drum	Cut length	4,069
5	95	564	47	5,508.1	Ring, Drum	Cut length	5,508
5	120	636	53	6,956.7	Ring, Drum	Cut length	6,957
5	150		59	8,609.7	Ring, Drum	Cut length	8,610

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Status: 24.11.2026
Subject to technical alterations