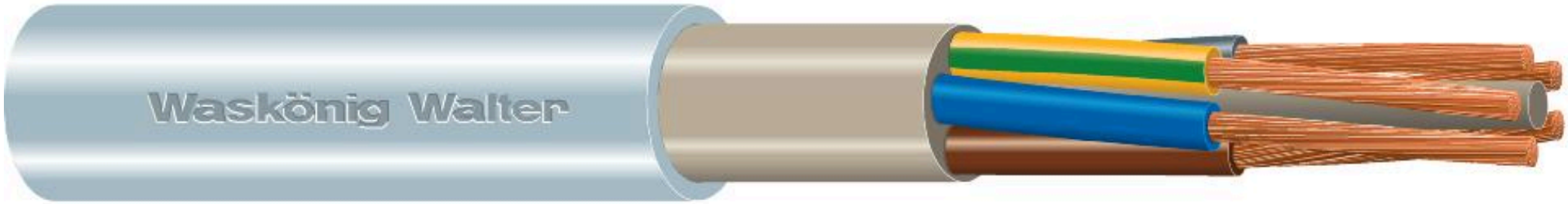
Waskönig + Walter

Power cable

ECO-FLEX Cca

Power cable, XLPE insulated, flexible copper conductor, halogen free

0.6/1 kV



Characteristics	Properties	Unit
Conductor material	Copper	
Conductor surface	Bare	
Conductor category	Class 5 = flexible	
Shape of conductor	Round	
Number of cores	5	
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	Polyolefin	
Specification material outer sheath	Polyethylene (PE)	
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	Cca	
Reaction-to-fire according to EN 13501-6: Acidity	a1	
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
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

Product					Packaging		
Nominal cross section conductor (in mm^2)	Outer diameter approx. (in mm)	Reaction-to-fire according to EN 13501-6: Flaming droplets/particles	Reaction-to-fire according to EN 13501-6: Smoke production	Weight (in kg/km)	Packing	Individual length (in m)	Net weight (in kg)
6	17	d1	s1a	498.43	Ring, Drum	Cut length	498
10	20	d1	s1a	731.34	Ring, Drum	Cut length	731

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Product					Packaging		
Nominal cross section conductor (in mm^2)	Outer diameter approx. (in mm)	Reaction-to-fire according to EN 13501-6: Flaming droplets/particles	Reaction-to-fire according to EN 13501-6: Smoke production	Weight (in kg/km)	Packing	Individual length (in m)	Net weight (in kg)
16	23	d1	s1a	1,045.5	Ring, Drum	Cut length	1,046
25	29	d1	s1a	1,615.1	Ring, Drum	Cut length	1,615
35	31	d1	s1a	2,135.8	Ring, Drum	Cut length	2,136
50	37	d0	s1b	2,926.7	Ring, Drum	Cut length	2,927
70	43	d0	s1b	3,842.4	Ring, Drum	Cut length	3,842
95	47	d0	s1b	5,078.2	Ring, Drum	Cut length	5,078

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