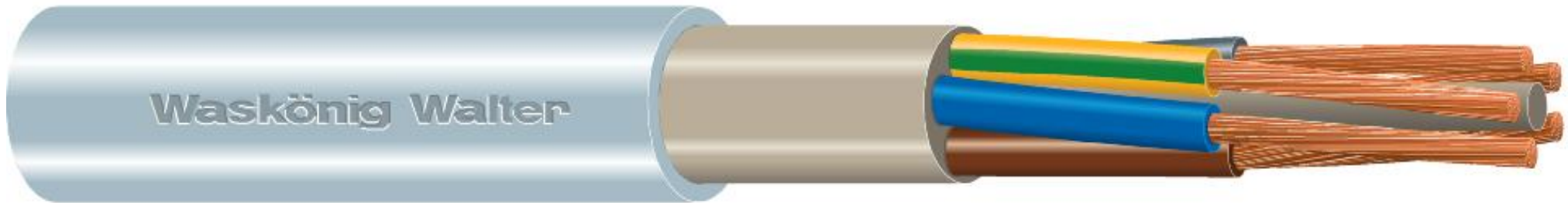


Power cable ≥ 1 kV, for permanent installation

ECO-FLEX Dca

Starkstromkabel, VPE-isoliert mit feindrähtigen Cu-Leitern, halogenfrei

0.6/1 kV



Characteristics	Properties	Unit
Conductor material	Copper	
Conductor surface	Bare	
Conductor category	Class 5 = flexible	
Shape of conductor	Round	
Insulation	XLPE (VPE)	
Core identification	Colour	
Laminated sheath	No	
Fibre optic elements	No	
Inner semi-conducting layer	No	
Outer semi-conducting layer	No	
Screen	No	
Concentric conductor	None	

Characteristics	Properties	Unit
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 class according to EN 13501-6	Dca	
Smoke development class according to EN 13501-6	s2	
Euro class flaming droplets/particles according to EN 13501-6	d2	
Euro class acidity according to EN 13501-6	a1	
Halogen free (acc. EN 60754-1/2)	Ja	
Flame retardant	In accordance with EN 60332-3-24	
Low smoke (acc. EN 61034-2)	Ja	
Minimum bending radius	5	x Außen-Ø
Max. conductor temperature	90	°C
Nominal voltage U0	0.6	kV
Nominal voltage U	1	kV
max. short circuit temperature	250	°C

Metal number	Nominal cross section conductor	Number of cores	Outer diameter approx.	Protective conductor	Individual length	Net weight	Packing
Copper 230	6 mm ²	4 Stck	15 mm	No	Cut length	399 kg	Ring, drum
Copper 1680	35 mm ²	5 Stck	31 mm	Ja	Cut length	2158 kg	Ring, drum
Copper 960	25 mm ²	4 Stck	26 mm	No	Cut length	1313 kg	Ring, drum
Copper 1344	35 mm ²	4 Stck	28 mm	No	Cut length	1733 kg	Ring, drum

Metal number	Nominal cross section conductor	Number of cores	Outer diameter approx.	Protective conductor	Individual length	Net weight	Packing
Copper 1920	50 mm ²	4 Stck	33 mm	No	Cut length	2436 kg	Ring, drum
Copper 1200	25 mm ²	5 Stck	29 mm	Ja	Cut length	1603 kg	Ring, drum
Copper 480	10 mm ²	5 Stck	19 mm	Ja	Cut length	720 kg	Ring, drum
Copper 768	16 mm ²	5 Stck	23 mm	Ja	Cut length	1057 kg	Ring, drum
Copper 2400	50 mm ²	5 Stck	37 mm	Ja	Cut length	2903 kg	Ring, drum
Copper 3360	70 mm ²	5 Stck	43 mm	Ja	Cut length	3921 kg	Ring, drum
Copper 4560	95 mm ²	5 Stck	47 mm	Ja	Cut length	5037 kg	Ring, drum