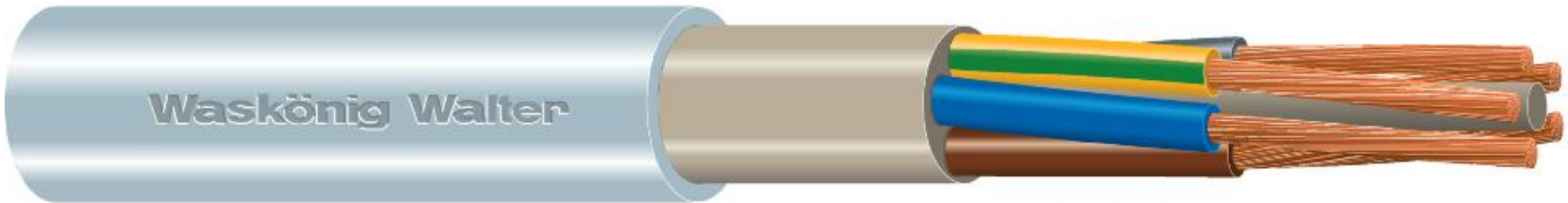


**Power cable >= 1 kV, for permanent installation**

**ECO-FLEX Eca**

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	
Number of cores	5	Stck
Insulation	XLPE (VPE)	
Core identification	Colour	
Laminated sheath	No	
Fibre optic elements	No	
Protective conductor	Ja	
Inner semi-conducting layer	No	
Outer semi-conducting layer	No	

Characteristics	Properties	Unit
Screen	No	
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 class according to EN 13501-6	Eca	
Halogen free (acc. EN 60754-1/2)	Ja	
Flame retardant	In accordance with EN 60332-1-2	
Low smoke (acc. EN 61034-2)	Ja	
Minimum bending radius	5	x Außen-Ø
Max. conductor temperature	90	°C
Permitted cable outer temperature during assembling/handling	-5 <=> 70	°C
Nominal voltage U0	0.6	kV
Nominal voltage U	1	kV
max. short circuit temperature	250	°C

Metal number	Nominal cross section conductor	Outer diameter approx.	Individual length	Net weight	Packing
Copper 480	10 mm²	19 mm	Cut length	720 kg	Ring, drum
Copper 768	16 mm²	23 mm	Cut length	1057 kg	Ring, drum
Copper 1200	25 mm²	29 mm	Cut length	1603 kg	Ring, drum