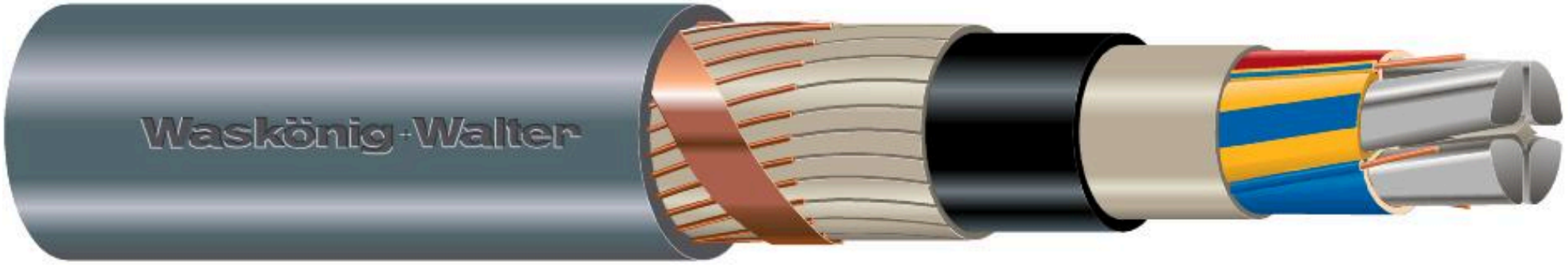
Waskönig + Walter

Power cable

V-VMvKhsas

Power cable, PVC insulated, aluminium conductor, pilot conductor, concentric copper conductor waveformal

0.6/1 kV



According to NEN 3616.

Characteristics	Properties	Unit
Conductor material	Aluminium	
Conductor surface	Bare	
Conductor category	Class 1 = solid	
Shape of conductor	Sector-shaped	
Number of cores	4	
Core identification according to HD 308 S2	Yes	
Core identification	Colour	
Laminated sheath	No	
Fibre optic elements	No	
Protective conductor	No	

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Characteristics	Properties	Unit
Inner semi-conducting layer	No	
Outer semi-conducting layer	No	
Screen	No	
Number of pilot/reduced cores	4	
Concentric conductor	Copper	
Armouring	No	
Material outer sheath	Polyvinyl chloride (PVC)	
Specification material outer sheath	Other	
Colour outer sheath	Grey	
Conductive coating	No	
Longitudinal water blocking conductors	Yes	
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	-2 <=> 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	125	m
Bruttogewicht pro Paletteinheit	396.05	kg

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Product						Packaging		
Nominal cross section conductor (in mm^2)	Min. permitted bending radius, stationary application/permanent installation (in mm)	Nominal cross section concentric conductor (in mm^2)	Nominal cross section pilot/reduced core (in mm^2)	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Net weight (in kg)
50	444	25	2.5	34	2,098.2	Ring, Drum	Cut length	1,910
95	552	35	6	44	3,422.5	Ring, Drum	Cut length	3,168
95	552	35	6	46	3,422.5	Drum	125	396

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