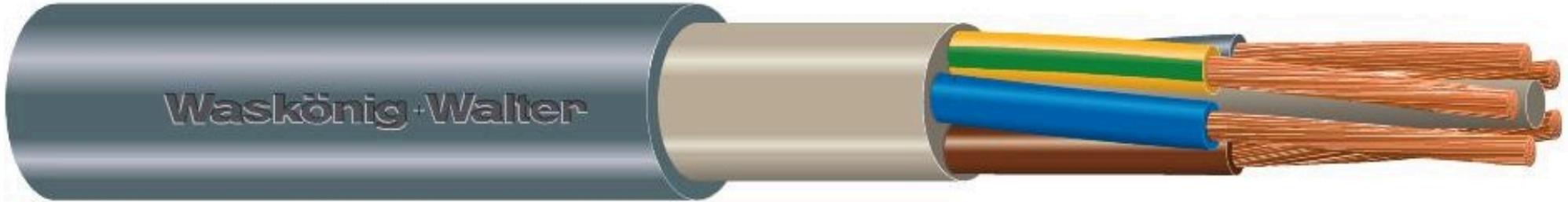


Power cable

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 2 = stranded	
Shape of conductor	Round	
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	
Concentric conductor	None	

Characteristics	Properties	Unit
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
Paletteinheit	500	m
Core identification according to HD 308 S2		
Cable geometry		

Product						Packaging					
Number of cores	Nominal cross section conductor (in mm ²)	Kerndurchmesser	Min. permitted bending radius, stationary application/permanent installation (in mm)	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Außendurchmesser	Bruttogewicht pro Paletteinheit	Höhe	Net weight (in kg)
4	10			18	603.47	Ring, Drum	Cut length				603
4	16			20	846.61	Ring, Drum	Cut length				847
4	25			25	1,341	Ring, Drum	Cut length				1,341
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
4	70		456	38	3,312.2	Ring, Drum	Cut length				3,312
4	95		504	42	4,458	Ring, Drum	Cut length				4,458
4	120		576	48	5,639.1	Ring, Drum	Cut length				5,639
4	150			53	6,925.5	Ring, Drum	Cut length				6,926
4	185			57	8,602.1	Ring, Drum	Cut length				8,602
4	240			68	11,443	Ring, Drum	Cut length				11,443
5	10			19	724.67	Ring, Drum	Cut length				725
5	10	450		19	724.67	Drum	500	900	410.34	695	362
5	16		264	22	1,024.9	Ring, Drum	Cut length				1,025
5	16	500	264	22	1,024.9	Drum	500	1,000	580.45	705	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

Product						Packaging					
Number of cores	Nominal cross section conductor (in mm²)	Kerndurchmesser	Min. permitted bending radius, stationary application/permanent installation (in mm)	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Außendurchmesser	Bruttogewicht pro Paletteinheit	Höhe	Net weight (in kg)
5	150			59	8,609.7	Ring, Drum	Cut length				8,610