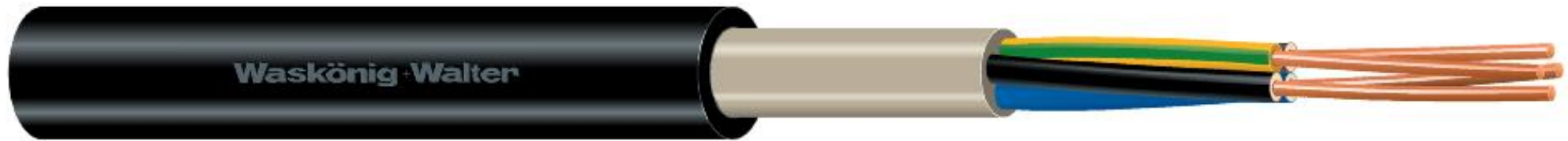


**Power cable**

Power cable, PVC insulated, copper conductor

**E-YY-J**

0.6/1 kV



ÖVE E 8200-603 (HD603). Zur festen Verlegung in Innenräumen, im Freien, in Erde, in Wasser und in Beton.

Characteristics	Properties	Unit
Conductor material	Copper	
Conductor surface	Bare	
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	
Armouring	No	
Material outer sheath	Polyvinyl chloride (PVC)	
Specification material outer sheath	Other	

Characteristics	Properties	Unit
Colour outer sheath	Black	
Conductive coating	No	
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	5 <=> 70	°C
Permitted cable outer temperature after assembling without vibration	-20 <=> 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
Core identification according to HD 308 S2		
Cable geometry		
Suitable as installation cable		
Certified for shipboard application		
Suitable as medium-voltage cable		
Suitable as high-voltage cable		
Certified as airport lighting cable		

Product						Packaging		
Number of cores (in Stck)	Nominal cross section conductor (in mm²)	Conductor category	Longitudinal water blocking conductors	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Net weight (in kg)
4	10	Class 2 = stranded	No	17	624.82	Ring, Drum	Cut length	625

Product						Packaging		
Number of cores (in Stck)	Nominal cross section conductor (in mm <sup>2</sup> )	Conductor category	Longitudinal water blocking conductors	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Net weight (in kg)
4	16	Class 2 = stranded		20	893.01	Ring, Drum	Cut length	893
5	4	Class 1 = solid		15	374.71	Ring, Drum	Cut length	375
5	6	Class 1 = solid		16	487.69	Ring, Drum	Cut length	488
5	10	Class 2 = stranded		19	757.57	Ring, Drum	Cut length	758
5	16	Class 2 = stranded		22	1,088.4	Ring, Drum	Cut length	1,088
5	25	Class 2 = stranded		26	1,664.9	Ring, Drum	Cut length	1,632
5	35	Class 2 = stranded		30	2,212.9	Ring, Drum	Cut length	2,167
5	50	Class 2 = stranded		33	2,936	Ring, Drum	Cut length	2,936