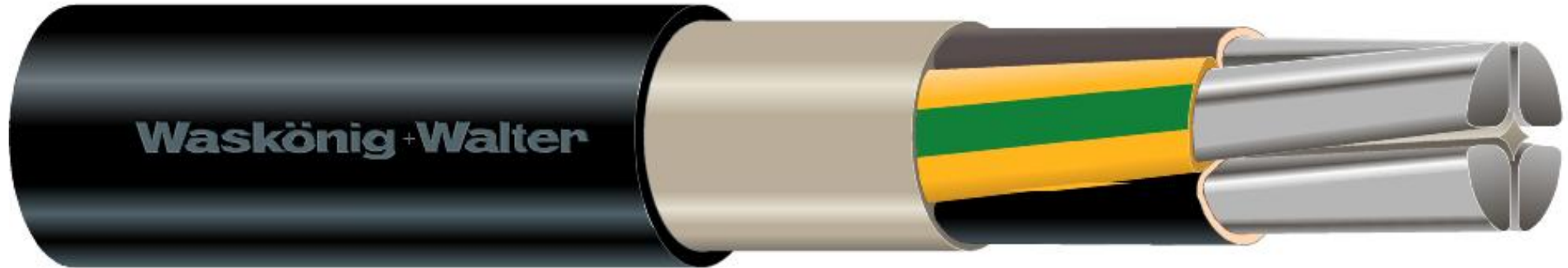


**Power cable  $\geq 1$  kV, for permanent installation**

**NAY2Y-J**

Power cable, PVC insulated, aluminium conductor, polyethylene outersheath

0.6/1 kV



According to VDE 0276 part 603.

Characteristics	Properties	Unit
Conductor material	Aluminium	
Conductor surface	Bare	
Conductor category	Class 1 = solid	
Shape of conductor	Sector-shaped	
Number of cores	4	Stck
Insulation	PVC	
Core identification	Colour	
Protective conductor	Ja	
Inner semi-conducting layer	No	

Characteristics	Properties	Unit
Outer semi-conducting layer	No	
Screen	No	
Concentric conductor	None	
Armouring	No	
Material outer sheath	Polyolefin	
Specification material outer sheath	Polyethylene (PE)	
Colour outer sheath	Black	
Reaction-to-fire class according to EN 13501-6	Fca	
Halogen free (acc. EN 60754-1/2)	No	
Flame retardant	No	
Low smoke (acc. EN 61034-2)	No	
Minimum bending radius	12	x Außen-Ø
Max. conductor temperature	70	°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	160	°C

Metal number	Min. permitted bending radius, stationary application/permanent installation	Nominal cross section conductor	Outer diameter approx.	Individual length	Net weight	Packing
Aluminium 580	348 mm	50 mm <sup>2</sup>	29 mm	Cut length	1123 kg	Ring, drum
Aluminium 1740	540 mm	150 mm <sup>2</sup>	45 mm	Cut length	2869 kg	Ring, drum
Aluminium 1102	540 mm	95 mm <sup>2</sup>	38 mm	Cut length	1944 kg	Ring, drum