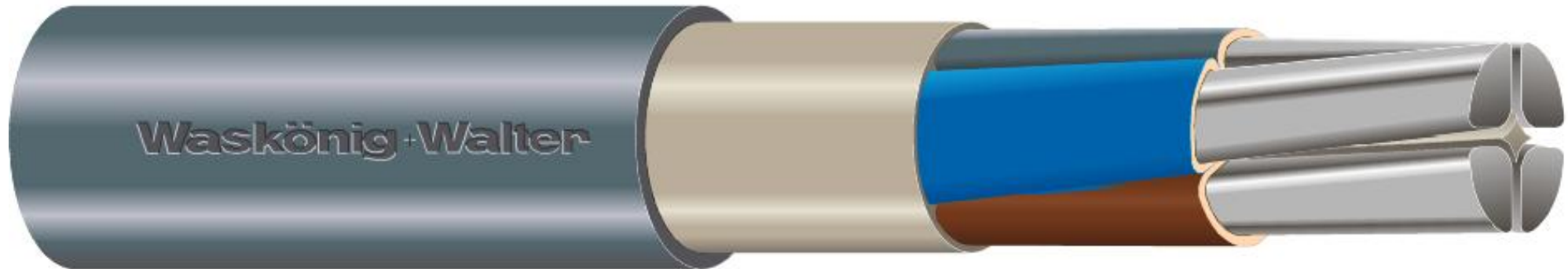


Power cable >= 1 kV, for permanent installation

N1XZ1-AL

Power cable, XLPE insulated, flexible copper conductor, halogen free, flame retardant

0.6/1 kV



In Anlehnung an VDE0276-604. Zur festen Verlegung in Innenräumen, in Luft und in Beton. Eine Verlegung in Erde oder in Wasser ist nicht zulässig.

Characteristics	Properties	Unit
Conductor material	Aluminium	
Conductor surface	Bare	
Conductor category	Class 1 = solid	
Insulation	XLPE (VPE)	
Core identification	Colour	
Laminated sheath	No	
Fibre optic elements	No	
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 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	12	x Außen-Ø
Max. conductor temperature	90	°C
Permitted cable outer temperature during assembling/handling	5 <=> 70	°C
Nominal voltage U ₀	0.6	kV
Nominal voltage U	1	kV
max. short circuit temperature	250	°C
Longitudinal water blocking conductors	Ja	
Paletteinheit	1.000	m
Bruttogewicht pro Paletteinheit	464,640	kg

Metal number	Nominal cross section conductor	Number of cores	Outer diameter approx.	Protective conductor	Shape of conductor	Individual length	Net weight	Packing
Aluminium 290	25 mm ²	4 Stck	22 mm	No	Round	Cut length	637 kg	Ring, drum
Aluminium 186	16 mm ²	4 Stck	18 mm	No	Round	Cut length	442 kg	Ring, drum

Metal number	Nominal cross section conductor	Number of cores	Outer diameter approx.	Protective conductor	Shape of conductor	Individual length	Net weight	Packing
Aluminium 232	16 mm ²	5 Stck	20 mm	Ja	Round	Cut length	518 kg	Ring, drum
Aluminium 580	50 mm ²	4 Stck	25 mm	No	Sector-shaped	Cut length	895 kg	Ring, drum
Aluminium 186	16 mm ²	4 Stck	18 mm	No	Round	250 m	442 kg	Drum
Aluminium 1740	150 mm ²	4 Stck	39 mm	No	Sector-shaped	Cut length	2294 kg	Ring, drum
Aluminium 1102	95 mm ²	4 Stck	33 mm	No	Sector-shaped	Cut length	1612 kg	Ring, drum
Aluminium 2784	240 mm ²	4 Stck	48 mm	No	Sector-shaped	Cut length	3603 kg	Ring, drum