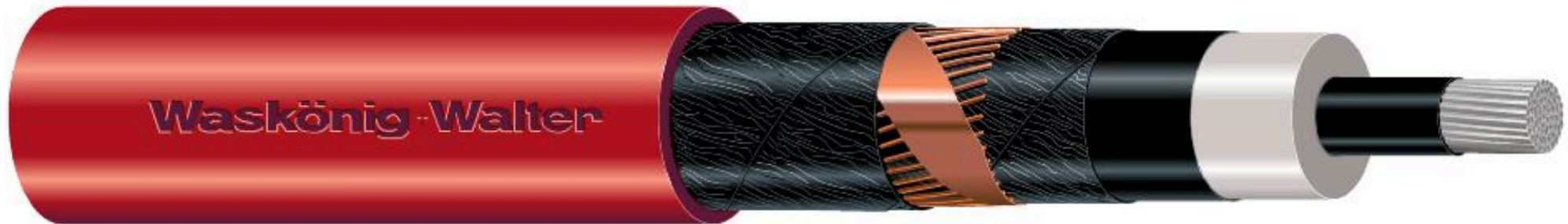


**Power cable**

Medium-voltage cable, XLPE insulated, aluminium conductor, PVC outersheath

**NA2XSY 30kV**

18/30 kV



According to VDE 0276 part 620.

Characteristics	Properties	Unit
Conductor material	Aluminium	
Conductor surface	Bare	
Conductor category	Class 2 = stranded	
Shape of conductor	Round	
Number of cores	1	Stck
Core identification	None	
Laminated sheath	No	
Fibre optic elements	No	
Protective conductor	No	
Inner semi-conducting layer	Yes	
Outer semi-conducting layer	Yes	

Characteristics	Properties	Unit
Screen	Yes	
Concentric conductor	None	
Armouring	No	
Material outer sheath	Polyvinyl chloride (PVC)	
Specification material outer sheath	Other	
Colour outer sheath	Red	
Conductive coating	No	
Longitudinal water blocking conductors	No	
Longitudinal water blocking screen	No	
Reaction-to-fire according to EN 13501-6: Class	Fca	
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	90	°C
Permitted cable outer temperature during assembling/handling	-5 <=> 70	°C
Nominal voltage U0	18	kV
Nominal voltage U	30	kV
max. short circuit temperature	250	°C
Insulation	XLPE (VPE)	
Minimum bending radius	15	x Außen-Ø

Product				Packaging		
Nominal cross section conductor (in mm²)	Min. permitted bending radius, stationary application/permanent installation (in mm)	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Net weight (in kg)
50	525	35	1,092.9	Ring, Drum	Cut length	1,093
70	555	37	1,206	Ring, Drum	Cut length	1,206

Product				Packaging		
Nominal cross section conductor (in mm <sup>2</sup> )	Min. permitted bending radius, stationary application/permanent installation (in mm)	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Net weight (in kg)
95	585	39	1,362.4	Ring, Drum	Cut length	1,362
120	600	40	1,485.9	Ring, Drum	Cut length	1,486
150	615	41	1,669.2	Ring, Drum	Cut length	1,669
185	645	43	1,840.9	Ring, Drum	Cut length	1,841
240	690	46	2,073.1	Ring, Drum	Cut length	2,073
300	720	48	2,320.7	Ring, Drum	Cut length	2,321
400		51	2,755.8	Ring, Drum	Cut length	2,756