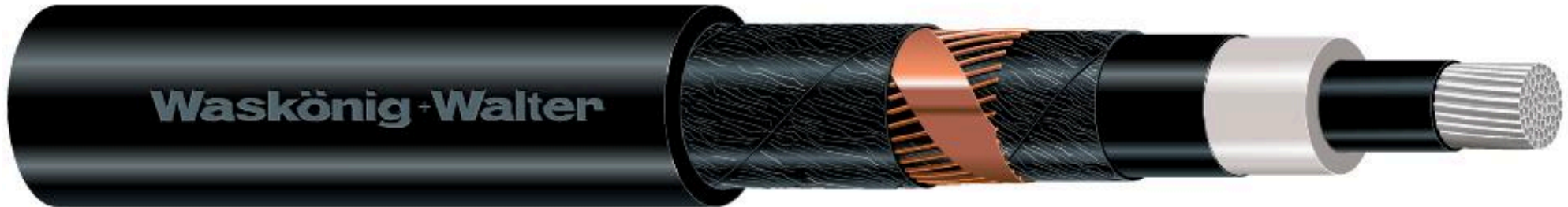


Power cable

Medium-voltage cable, XLPE insulated, aluminum conductor, polyethylene outersheath

NA2XS2Y 10kV

6/10 kV



According to VDE 0276 part 620.

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

Characteristics	Properties	Unit
Concentric conductor	None	
Armouring	No	
Material outer sheath	Polyolefin	
Specification material outer sheath	Polyethylene (PE)	
Colour outer sheath	Black	
Conductive coating	No	
Longitudinal water blocking screen	No	
Reaction-to-fire according to EN 13501-6: Class	Fca	
Halogen free (acc. EN 60754-1/2)	Yes	
Flame retardant	No	
Low smoke (acc. EN 61034-2)	No	
Max. conductor temperature	90	°C
Permitted cable outer temperature during assembling/handling	-20 <=> 70	°C
Nominal voltage U ₀	6	kV
Nominal voltage U	10	kV
max. short circuit temperature	250	°C
Insulation	XLPE (VPE)	
Minimum bending radius	15	x Außen-Ø

Product							Packaging		
Nominal cross section conductor (in mm ²)	Conductor category	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permanent installation (in mm)	Nominal cross section concentric conductor (in mm ²)	Outer diameter approx. (in mm)	Weight (in EU571166)	Packing	Individual length (in m)	Net weight (in kg)
50	Class 2 = stranded	No	390	16	25	608.78	Ring, Drum	Cut length	609
70	Class 2 = stranded	No	420	16	27	690.86	Ring, Drum	Cut length	691

Product							Packaging		
Nominal cross section conductor (in mm ²)	Conductor category	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permanent installation (in mm)	Nominal cross section concentric conductor (in mm ²)	Outer diameter approx. (in mm)	Weight (in EU571166)	Packing	Individual length (in m)	Net weight (in kg)
95	Class 2 = stranded	No	450	16	29	802.64	Ring, Drum	Cut length	803
120	Class 2 = stranded	No	465	16	30	896.76	Ring, Drum	Cut length	897
150	Class 2 = stranded	No	480	25	31	1,072.9	Ring, Drum	Cut length	1,073
150	Class 1 = solid	Yes	465	25	31	1,051.1	Ring, Drum	Cut length	1,057
185	Class 2 = stranded	No	510	25	33	1,211.1	Ring, Drum	Cut length	1,211
240	Class 2 = stranded	No	540	25	36	1,406.3	Ring, Drum	Cut length	1,406
240	Class 1 = solid	Yes	525	25	34	1,370.4	Ring, Drum	Cut length	1,377
300	Class 2 = stranded	No	585	25	38	1,612.9	Ring, Drum	Cut length	1,613
400	Class 2 = stranded	No	630	35	41	1,996.6	Ring, Drum	Cut length	1,997
500	Class 2 = stranded	No	675	35	44	2,332	Ring, Drum	Cut length	2,332
630	Class 2 = stranded	No		35	49	2,897.7	Ring, Drum	Cut length	2,898