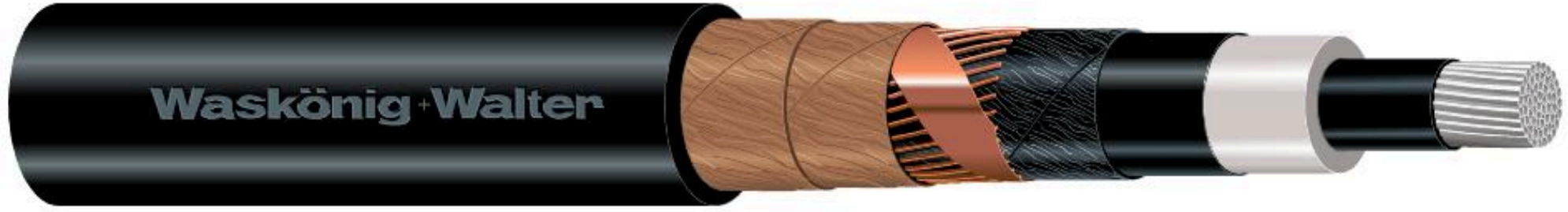
Power cable

NA2XS(F)2Y 10kV

Mittelspannungskabel, VPE-isoliert mit Al-Leiter, längswasserdichtem Schirm und PE-Mantel

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	

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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	Yes	
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 U0	6	kV
Nominal voltage U	10	kV
max. short circuit temperature	250	°C
Insulation	XLPE (VPE)	
Minimum bending radius	15	x Außen-Ø
Core identification according to HD 308 S2		

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)	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Net weight (in kg)
150	Class 2 = stranded	No	480	32	1,073.73	Ring, Drum	Cut length	1,076
150	Class 1 = solid	Yes	480	31	1,070.3	Ring, Drum	Cut length	1,053

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Status: 16.11.2026
Subject to technical alterations

Product						Packaging		
Nominal cross section conductor (in mm²)	Conductor category	Longitudinal water blocking conductors	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)
185	Class 2 = stranded	No	510	34	1,211.97	Ring, Drum	Cut length	1,213
240	Class 2 = stranded	No	540	36	1,407.18	Ring, Drum	Cut length	1,408
240	Class 2 = stranded	No	540	36	1,407.18	Ring, Drum	Cut length	1,408
300	Class 2 = stranded	No	585	38	1,613.9	Ring, Drum	Cut length	1,615
500	Class 2 = stranded	No	675	45	2,333.22	Ring, Drum	Cut length	2,334

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