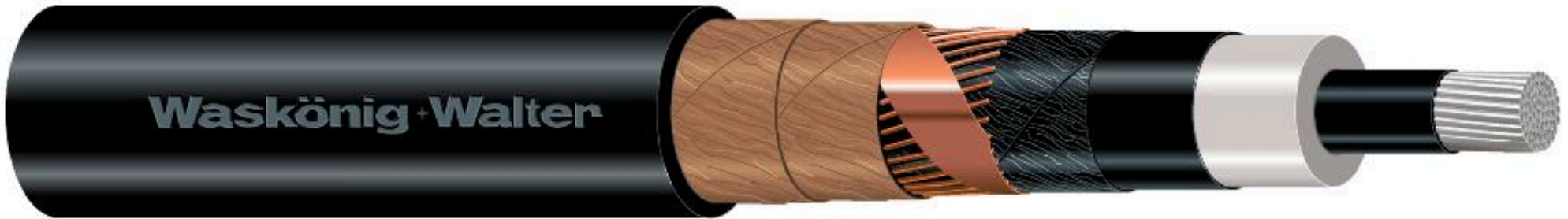


**Power cable**

**NA2XS(F)2Y 20kV**

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

12/20 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 according to HD 308 S2	No	
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	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	12	kV
Nominal voltage U	20	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)	Conductor category	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permanent installation (in mm)	Nominal cross section concentric conductor (in mm²)	Outer diameter approx. (in mm)	Weight (in EU571166)	Packing	Individual length (in m)	Net weight (in kg)
50	Class 2 = stranded	No	450		30	754.81	Ring, Drum	Cut length	755
70	Class 2 = stranded	No	480		32	847.92	Ring, Drum	Cut length	848

Product							Packaging		
Nominal cross section conductor (in mm²)	Conductor category	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permanent installation (in mm)	Nominal cross section concentric conductor (in mm²)	Outer diameter approx. (in mm)	Weight (in EU571166)	Packing	Individual length (in m)	Net weight (in kg)
95	Class 2 = stranded	No	510	16	33	970.47	Ring, Drum	Cut length	970
95	Class 1 = solid	Yes	495		32	942.81	Ring, Drum	Cut length	944
120	Class 2 = stranded	No	525		35	1,074.7	Ring, Drum	Cut length	1,075
120	Class 1 = solid	Yes	510		34	1,056	Ring, Drum	Cut length	1,057
150	Class 2 = stranded	No	555		37	1,258.37	Ring, Drum	Cut length	1,261
150	Class 1 = solid	Yes	540		35	1,231.29	Ring, Drum	Cut length	1,240
150	Class 1 = solid	Yes			35	1,252.3	Ring, Drum	Cut length	1,234
185	Class 2 = stranded	No	570		38	1,408.9	Ring, Drum	Cut length	1,411
240	Class 2 = stranded	No	615		41	1,618.7	Ring, Drum	Cut length	1,606
240	Class 1 = solid	Yes	585		39	1,574.3	Ring, Drum	Cut length	1,582
240	Class 1 = solid	Yes			39	1,597.6	Ring, Drum	Cut length	1,575
300	Class 2 = stranded	No	645	25	42	1,838.17	Ring, Drum	Cut length	1,840
400	Class 2 = stranded	No	690		46	2,248.3	Ring, Drum	Cut length	2,248
500	Class 2 = stranded	No	735		49	2,601	Ring, Drum	Cut length	2,603

Product							Packaging		
Nominal cross section conductor (in mm²)	Conductor category	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permanent installation (in mm)	Nominal cross section concentric conductor (in mm²)	Outer diameter approx. (in mm)	Weight (in EU571166)	Packing	Individual length (in m)	Net weight (in kg)
630	Class 2 = stranded	No	810		53	3,146.35	Ring, Drum	Cut length	3,146
800	Class 2 = stranded	No	870		58	3,812.1	Ring, Drum	Cut length	3,814