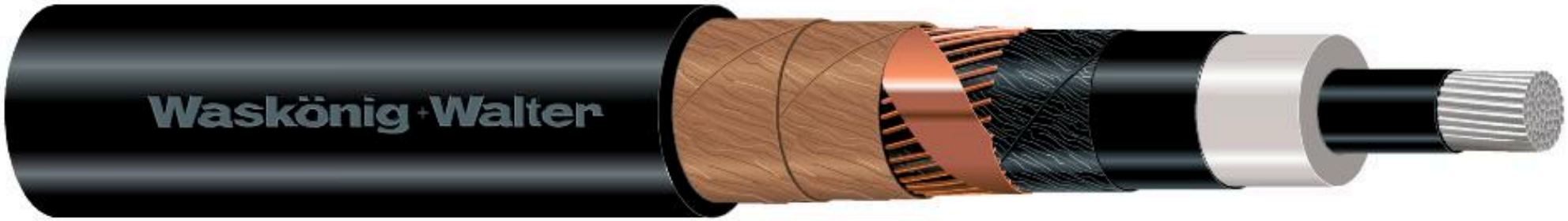
Waskönig + Walter

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	

Waskönig + Walter Kabel-Werk GmbH u. Co. KG
Ostermoorstraße 77, 26683 Saterland
Phone: +49 4498 88-0 | Fax: +49 4498 88-900
https://www.waskoenig.de

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 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 kg/km)	Packing	Individual length (in m)	Net weight (in kg)
70	Class 2 = stranded	No	480		32	847.92	Ring, Drum	Cut length	849
95	Class 2 = stranded	No	510	16	33	970.47	Ring, Drum	Cut length	971

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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 kg/km)	Packing	Individual length (in m)	Net weight (in kg)
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	1,233
185	Class 2 = stranded	No	570		38	1,408.9	Ring, Drum	Cut length	1,410
240	Class 2 = stranded	No	615		41	1,618.7	Ring, Drum	Cut length	1,619
240	Class 1 = solid	Yes			39	1,597.6	Ring, Drum	Cut length	1,574
300	Class 2 = stranded	No	645	25	42	1,838.17	Ring, Drum	Cut length	1,839
400	Class 2 = stranded	No	690		46	2,248.3	Ring, Drum	Cut length	2,250
500	Class 2 = stranded	No	735		49	2,601	Ring, Drum	Cut length	2,603
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

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