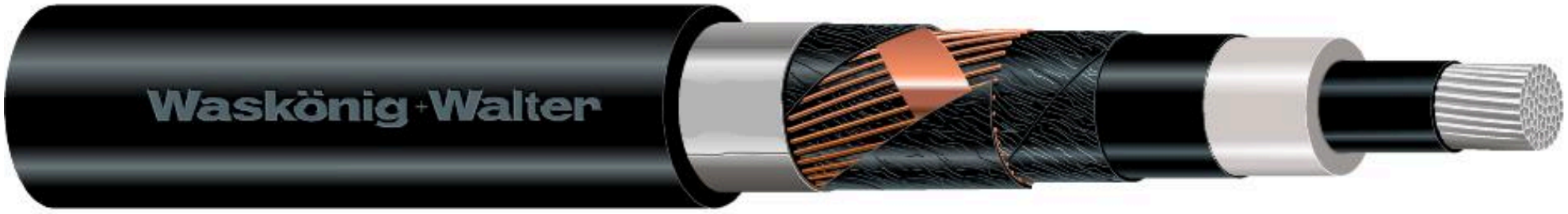
Waskönig + Walter

Power cable

NA2XS(FL)2Y 20kV

Medium-voltage cable, XLPE insulated, aluminium conductor,longitudinal and transversal water blocked screen, polyethylene outersheath

12/20 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	
Core identification	None	
Laminated sheath	Yes	
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 conductors	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)	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)
120	510	34	1,442.6	Ring, Drum	Cut length	1,442
240	600	40	1,912.4	Ring, Drum	Cut length	1,912

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