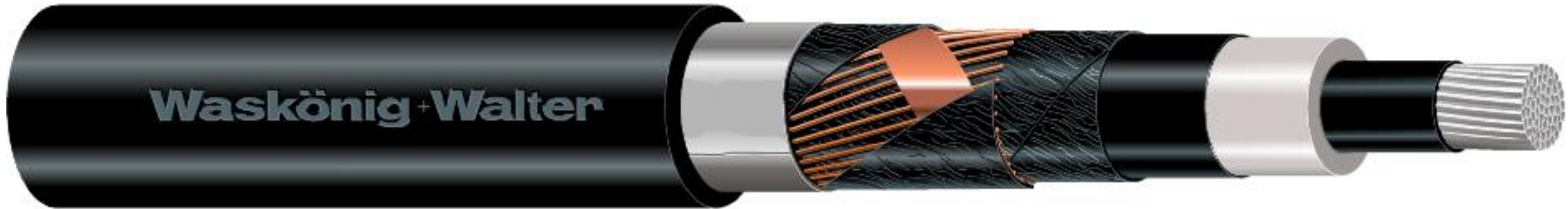


Power cable ≥ 1 kV, for permanent installation

NA2XS(FL)2Y 20kV

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

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	Stck
Insulation	XLPE (VPE)	
Core identification	None	
Laminated sheath	Ja	
Fibre optic elements	No	
Protective conductor	No	
Inner semi-conducting layer	Ja	

Characteristics	Properties	Unit
Outer semi-conducting layer	Ja	
Screen	Ja	
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	Ja	
Reaction-to-fire class according to EN 13501-6	Fca	
Halogen free (acc. EN 60754-1/2)	Ja	
Flame retardant	No	
Low smoke (acc. EN 61034-2)	No	
Minimum bending radius	15	x Außen-Ø
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

Metal number	Min. permitted bending radius, stationary application/permanent installation	Nominal cross section conductor	Outer diameter approx.	Individual length	Net weight	Packing
Aluminium 696	600 mm	240 mm ²	40 mm	Cut length	1683 kg	Ring, drum
Aluminium 696	600 mm	240 mm ²	40 mm	Cut length	1923 kg	Ring, drum

Metal number	Min. permitted bending radius, stationary application/permanent installation	Nominal cross section conductor	Outer diameter approx.	Individual length	Net weight	Packing
Aluminium 348	510 mm	120 mm ²	35 mm	Cut length	1456 kg	Ring, drum