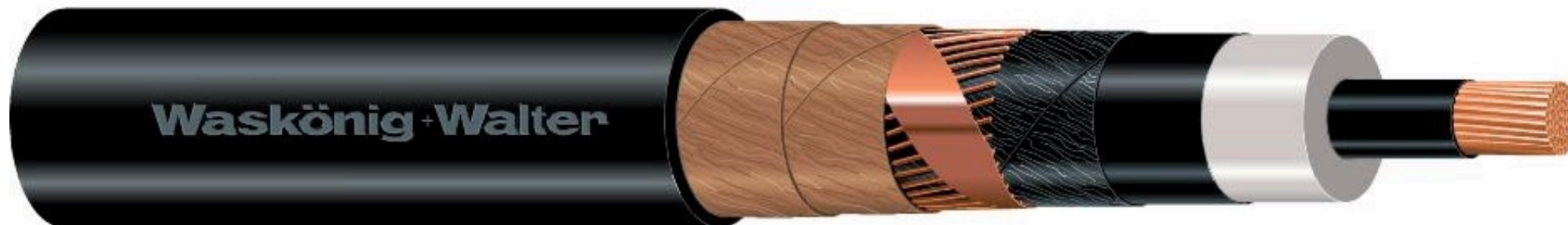


Power cable

N2XS(F)2Y 30kV

Medium-voltage cable, XLPE insulated, copper conductor, longitudinal water blocked screen, PE outersheath

18/30 kV



According to VDE 0276 part 620.

Characteristics	Properties	Unit
Conductor material	Copper	
Conductor surface	Bare	
Conductor category	Class 2 = stranded	
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	

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 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	18	kV
Nominal voltage U	30	kV
max. short circuit temperature	250	°C
Insulation	XLPE (VPE)	
Minimum bending radius	15	x Außen-Ø
Permitted cable outer temperature after assembling without vibration	-40 <=> 70	°C
Nominal cross section concentric conductor	25	mm²

Product				Packaging		
Nominal cross section conductor (in mm²)	Min. permitted bending radius, stationary application/permanent installation (in mm)	Outer diameter approx. (in mm)	Weight (in EU571166)	Packing	Individual length (in m)	Net weight (in kg)
70	555	37	1,488	Ring, Drum	Cut length	1,488

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 EU571166)	Packing	Individual length (in m)	Net weight (in kg)
70		37	1,666.3	Ring, Drum	Cut length	1,666
95	585	39	1,785	Ring, Drum	Cut length	1,785
120	600	40	2,038.8	Ring, Drum	Cut length	2,039
150	630	42	2,400.7	Ring, Drum	Cut length	2,401
240	690	46	3,342.2	Ring, Drum	Cut length	3,341
240		46	3,760.7	Ring, Drum	Cut length	3,761
630		59	7,502.5	Ring, Drum	Cut length	7,503