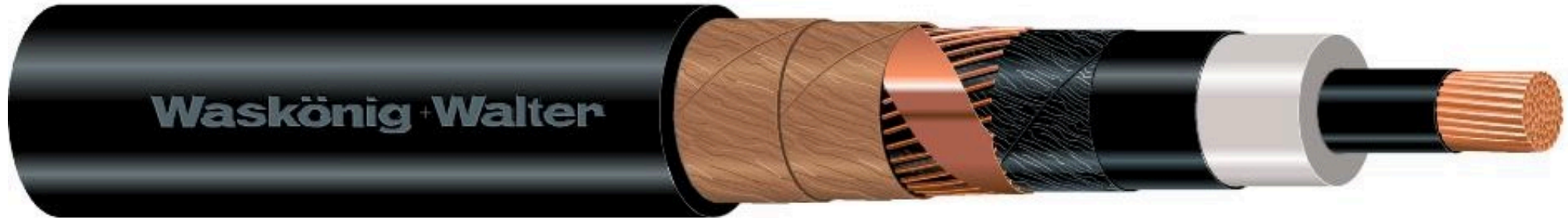


Power cable

N2XS(F)2Y 20kV

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

12/20 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	
Screen	Yes	

Characteristics	Properties	Unit
Concentric conductor	None	
Armouring	No	
Material outer sheath	Polyolefin	
Specification material outer sheath	Polyethylene (PE)	
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
Permitted cable outer temperature after assembling without vibration	-40 <=> 70	°C
Core identification according to HD 308 S2		

Product						Packaging		
Nominal cross section conductor (in mm²)	Colour outer sheath	Min. permitted bending radius, stationary application/permanent installation (in mm)	Nominal cross section concentric conductor	Outer diameter approx. (in mm)	Weight (in EU571166)	Packing	Individual length (in m)	Net weight (in kg)
35	Black			29	903.62	Ring, Drum	Cut length	904
50	Black	450		30	1,038	Ring, Drum	Cut length	1,038

Product						Packaging		
Nominal cross section conductor (in mm ²)	Colour outer sheath	Min. permitted bending radius, stationary application/permanent installation (in mm)	Nominal cross section concentric conductor	Outer diameter approx. (in mm)	Weight (in EU571166)	Packing	Individual length (in m)	Net weight (in kg)
70	Black	480		32	1,264.9	Ring, Drum	Cut length	1,265
95	Black	510		33	1,535.69	Ring, Drum	Cut length	1,528
120	Black	525		35	1,780.8	Ring, Drum	Cut length	1,781
150	Black	525		37	2,146.1	Ring, Drum	Cut length	2,146
185	Red			38	2,492	Ring, Drum	Cut length	2,492
240	Black	615	25	40	3,047.5	Ring, Drum	Cut length	3,048
300	Black	645		43	3,640.9	Ring, Drum	Cut length	3,641
400	Black	690		46	4,540.9	Ring, Drum	Cut length	4,541
500	Black	735	35	49	5,578.1	Ring, Drum	Cut length	5,577
630	Black			53	7,091.81	Ring, Drum	Cut length	7,058