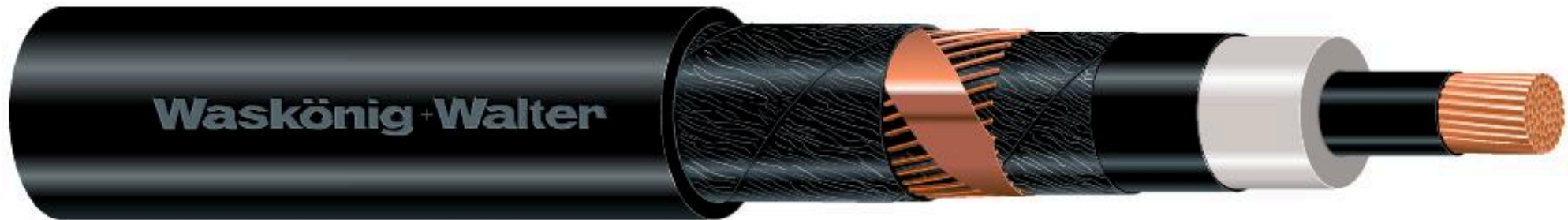


**Power cable**

Medium-voltage cable, XLPE insulated, copper conductor, polyethylene outersheath

**N2XS2Y 20kV**

12/20 kV



according 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)	
Colour outer sheath	Black	
Conductive coating	No	
Longitudinal water blocking conductors	No	
Longitudinal water blocking screen	No	
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 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)
35	435	29	902.67	Ring, Drum	Cut length	897
50	450	30	1,037.1	Ring, Drum	Cut length	1,031

Product				Packaging		
Nominal cross section conductor (in mm <sup>2</sup> )	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	480	32	1,263.8	Ring, Drum	Cut length	1,257
95	510	34	1,534.55	Ring, Drum	Cut length	1,535
150	555	37	2,144.84	Ring, Drum	Cut length	2,137
240	615	41	3,054.41	Ring, Drum	Cut length	3,054
300	645	43	3,639.52	Ring, Drum	Cut length	3,640
400	690	46	4,538.9	Ring, Drum	Cut length	4,539
400	690	46	4,538.9	Ring, Drum	Cut length	4,539
500	735	49	5,576.4	Ring, Drum	Cut length	5,578