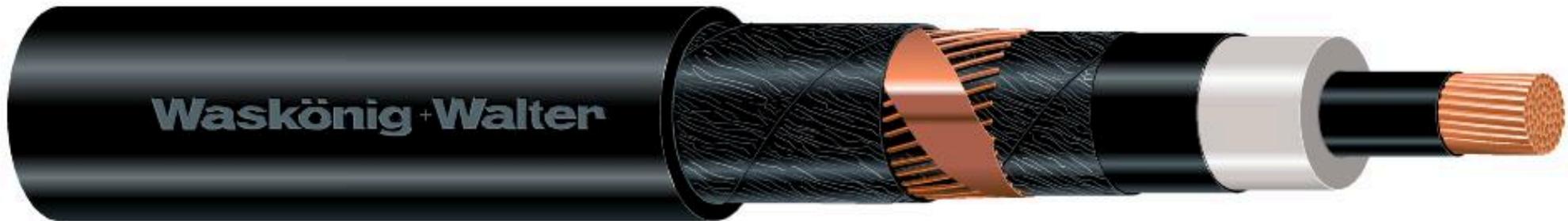


Power cable

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	
Nominal cross section conductor	500	mm ²
Conductor category	Class 2 = stranded	
Shape of conductor	Round	
Number of cores	1	
Core identification according to HD 308 S2		
Core identification	None	
Laminated sheath	No	
Fibre optic elements	No	
Protective conductor	No	
Inner semi-conducting layer	Yes	

Characteristics	Properties	Unit
Outer semi-conducting layer	Yes	
Screen	Yes	
Concentric conductor	None	
Armouring	No	
Material outer sheath	Polyolefin	
Specification material outer sheath	Polyethylene (PE)	
Colour outer sheath	Black	
Cable geometry		
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	
Outer diameter approx.	49	mm
Min. permitted bending radius, stationary application/permanent installation	735	mm
Weight	5,576.4	EU571166
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
Suitable as installation cable		
Certified for shipboard application		
Suitable as medium-voltage cable		
Suitable as high-voltage cable		
Certified as airport lighting cable		

Characteristics	Properties	Unit
max. short circuit temperature	250	°C
Insulation	XLPE (VPE)	
Minimum bending radius	15	x Außen-Ø

Packing	Individual length (in m)	Net weight (in kg)
Ring, Drum	Cut length	5,577