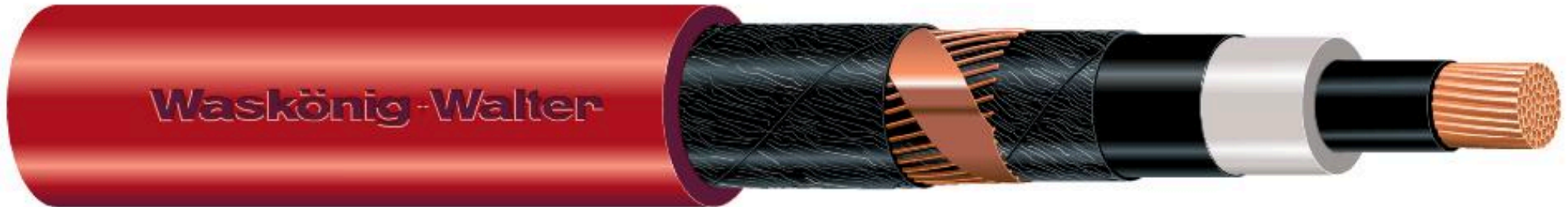


Power cable

Medium-voltage cable, XLPE insulated, copper conductor, PVC outsidersheath

N2XSY 10kV

6/10 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	

Characteristics	Properties	Unit
Screen	Yes	
Concentric conductor	None	
Armouring	No	
Material outer sheath	Polyvinyl chloride (PVC)	
Specification material outer sheath	Other	
Colour outer sheath	Red	
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)	No	
Flame retardant	In accordance with IEC/EN 60332-1-2	
Low smoke (acc. EN 61034-2)	No	
Max. conductor temperature	90	°C
Permitted cable outer temperature during assembling/handling	-5 <=> 70	°C
Nominal voltage U0	6	kV
Nominal voltage U	10	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)
50	390	26	975.88	Ring, Drum	Cut length	974
70	420	28	1,202.2	Ring, Drum	Cut length	1,202

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)
95	450	30	1,468.8	Ring, Drum	Cut length	1,469
120	465	31	1,713.5	Ring, Drum	Cut length	1,714
150	495	33	2,073	Ring, Drum	Cut length	2,073
300	585	39	3,551.7	Ring, Drum	Cut length	3,552
400	630	42	4,447.2	Ring, Drum	Cut length	4,447
500	675	45	5,477.8	Ring, Drum	Cut length	5,478