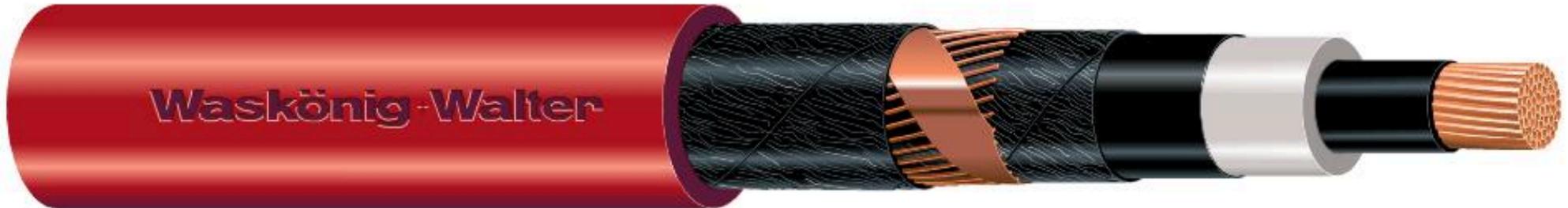


**Power cable**

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	
Nominal cross section conductor	50	mm <sup>2</sup>
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	

Characteristics	Properties	Unit
Outer semi-conducting layer	Yes	
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	
Outer diameter approx.	26	mm
Min. permitted bending radius, stationary application/permanent installation	390	mm
Weight	975.88	EU571166
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

Packing	Individual length (in m)	Net weight (in kg)
Ring, Drum	Cut length	974