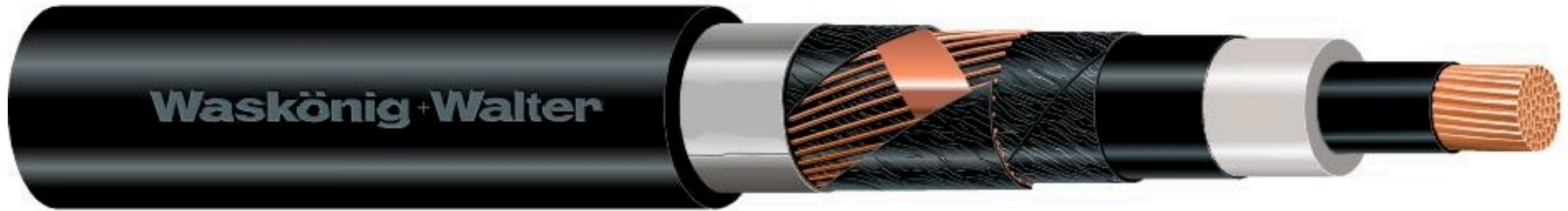


Power cable

N2XS(FL)2Y 20kV

Medium-voltage, XLPE insulated, copper conductor, longitudinal and transversal water blocked screen, polyethylene outersheath

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	Stck
Core identification	None	
Laminated sheath	Yes	
Fibre optic elements	No	
Inner semi-conducting layer	Yes	
Outer semi-conducting layer	Yes	
Armouring	No	
Material outer sheath	Polyolefin	

Characteristics	Properties	Unit
Specification material outer sheath	Polyethylene (PE)	
Colour outer sheath	Black	
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

Product			Packaging		
Nominal cross section conductor (in mm²)	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Net weight (in kg)
50	29	1,068.9	Ring, Drum	Cut length	1,069
240	40	3,365.1	Ring, Drum	Cut length	3,365