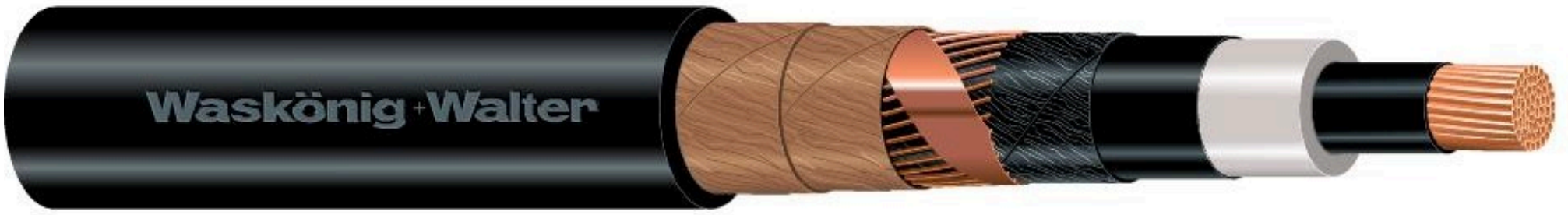
Waskönig + Walter

Power cable

N2XS(F)2Y 10kV

Medium-voltage cable, XLPE insulated, copper conductor, longitudinal water blocked screen, PE outersheath

6/10 kV



According to 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 according to HD 308 S2	No	
Core identification	None	
Laminated sheath	No	
Fibre optic elements	No	
Protective conductor	No	
Inner semi-conducting layer	Yes	
Outer semi-conducting layer	Yes	

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Characteristics	Properties	Unit
Screen	Yes	
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	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
Permitted cable outer temperature after assembling without vibration	-40 <=> 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
Min. permitted bending radius, stationary application/permanent installation	630	mm

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)
300	38	3,407.8	Ring, Drum	Cut length	3,409
400	41	4,288.9	Ring, Drum	Cut length	4,290

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Status: 16.11.2026
Subject to technical alterations