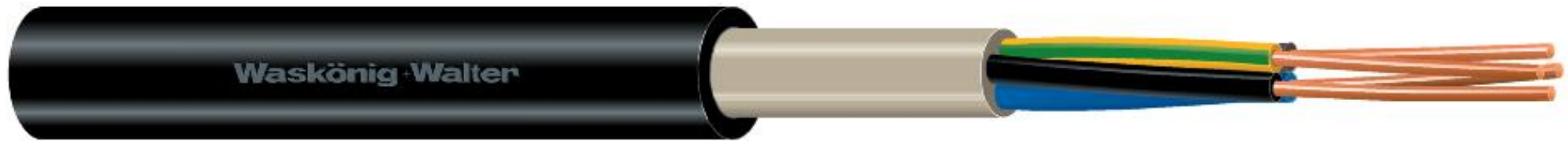


**Power cable**

**N2XH-J Fca**

Power cable, XLPE insulated, copper conductor, halogen-free, improved behaviour in case of fire

0.6/1 kV



Characteristics	Properties	Unit
Conductor material	Copper	
Conductor surface	Bare	
Shape of conductor	Round	
Core identification according to HD 308 S2	Yes	
Laminated sheath	No	
Fibre optic elements	No	
Protective conductor	Yes	
Inner semi-conducting layer	No	
Outer semi-conducting layer	No	
Screen	No	
Concentric conductor	None	
Armouring	No	
Material outer sheath	Polyolefin	
Specification material outer sheath	Polyethylene (PE)	
Colour outer sheath	Black	

Characteristics	Properties	Unit
Conductive coating	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	In accordance with IEC/EN 60332-3-24	
Low smoke (acc. EN 61034-2)	Yes	
Max. conductor temperature	90	°C
Permitted cable outer temperature during assembling/handling	-5 <=> 70	°C
Nominal voltage U0	0.6	kV
Nominal voltage U	1	kV
max. short circuit temperature	250	°C
Insulation	XLPE (VPE)	

Product									Packaging		
Number of cores (in Stick)	Nominal cross section conductor (in mm²)	Conductor category	Core identification	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permanent installation (in mm)	Minimum bending radius (in x Außen-Ø)	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Net weight (in kg)
1	4	Class 1 = solid	Colour	No	105	15	7	71.53	Ring, Drum	Cut length	72
1	95	Class 2 = stranded	Colour	No	255	15	17	965.7	Ring, Drum	Cut length	966
1	120	Class 2 = stranded	Colour	No	270	15	18	1,193.6	Ring, Drum	Cut length	1,194
1	150	Class 2 = stranded	Colour	No	315	15	21	1,481.2	Ring, Drum	Cut length	1,481
1	185	Class 2 = stranded	Colour	No	345	15	23	1,823.2	Ring, Drum	Cut length	1,823
1	240	Class 2 = stranded	Colour	No	375	15	25	2,375.5	Ring, Drum	Cut length	2,376
1	300	Class 2 = stranded	Colour	No	420	15	28	2,951.5	Ring, Drum	Cut length	2,952

Product									Packaging		
Number of cores (in Stck)	Nominal cross section conductor (in mm²)	Conductor category	Core identification	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permanent installation (in mm)	Minimum bending radius (in x Außen-Ø)	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Net weight (in kg)
10	1.5	Class 1 = solid	Numbers	Yes	168	12	14	293.98	Ring, Drum	Cut length	294
10	2.5	Class 1 = solid	Numbers	Yes	180	12	15	409.47	Ring, Drum	Cut length	409
12	1.5	Class 1 = solid	Numbers	Yes	180	12	15	342.76	Ring, Drum	Cut length	343
12	2.5	Class 1 = solid	Numbers	Yes	192	12	17	482.09	Ring, Drum	Cut length	482
14	1.5	Class 1 = solid	Numbers	Yes	180	12	16	387.83	Ring, Drum	Cut length	388