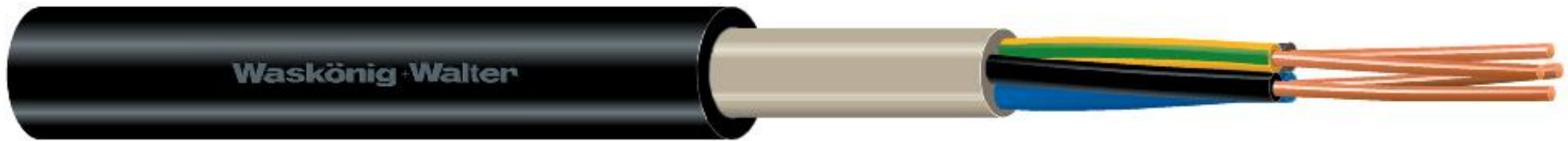


Power cable

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	
Conductor category	Class 2 = stranded	
Shape of conductor	Round	
Number of cores	1	
Core identification according to HD 308 S2	Yes	
Core identification	Colour	
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	

Characteristics	Properties	Unit
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	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)	
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)
120	270	18	1,193.6	Ring, Drum	Cut length	1,194
150	315	21	1,481.2	Ring, Drum	Cut length	1,481
185	345	23	1,823.2	Ring, Drum	Cut length	1,823