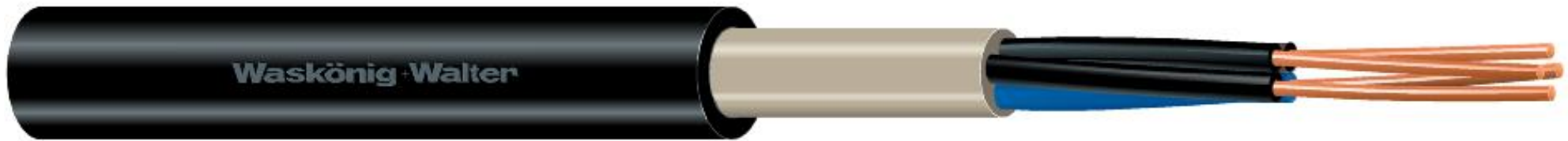


Power cable

N2XH-0 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	
Core identification according to HD 308 S2	Yes	
Core identification	Colour	
Laminated sheath	No	
Fibre optic elements	No	
Protective conductor	No	
Inner semi-conducting layer	No	
Outer semi-conducting layer	No	
Screen	No	
Concentric conductor	None	
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	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 Stck)	Nominal cross section conductor (in mm²)	Kerndurchmesser	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)	Außendurchmesser	Bruttogewicht pro Paletteinheit	Höhe	Paletteinheit	Net weight (in kg)
1	95		255	15	17	965.7	Ring, Drum	Cut length					966
1	120		270	15	18	1,193.6	Ring, Drum	Cut length					1,194
1	150		315	15	21	1,481.2	Ring, Drum	Cut length					1,481
1	150	500	315	15	21	1,481.2	Drum	500	1,000	811.6	710	500	741

Product							Packaging						
Number of cores (in Stck)	Nominal cross section conductor (in mm²)	Kerndurchmesser	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)	Außendurchmesser	Bruttogewicht pro Paletteinheit	Höhe	Paletteinheit	Net weight (in kg)
1	185		345	15	23	1,823.2	Ring, Drum	Cut length					1,823
1	185	630	345	15	23	1,823.2	Drum	500	1,250	229.32	890	100	912
1	240		375	15	25	2,375.5	Ring, Drum	Cut length					2,376
1	240	630	375	15	25	2,375.5	Drum	500	1,250	1,331.75	890	500	1,188
1	300		420	15	28	2,951.5	Ring, Drum	Cut length					2,952
1	300	630	420	15	28	2,951.5	Drum	500	1,250	1,619.75	890	500	1,476
1	400			15	32	3,760	Ring, Drum	Cut length					3,760
1	500			15	36	4,842.6	Ring, Drum	Cut length					4,843
1	630			15	42	6,331.1	Ring, Drum	Cut length					6,331
3	50		324	12	27	2,010.2	Ring, Drum	Cut length					2,010
3	95		444	12	37	3,615.8	Ring, Drum	Cut length					3,616
3	120		480	12	40	4,661.9	Ring, Drum	Cut length					4,662
3	185		600	12	50	6,768.6	Ring, Drum	Cut length					6,769