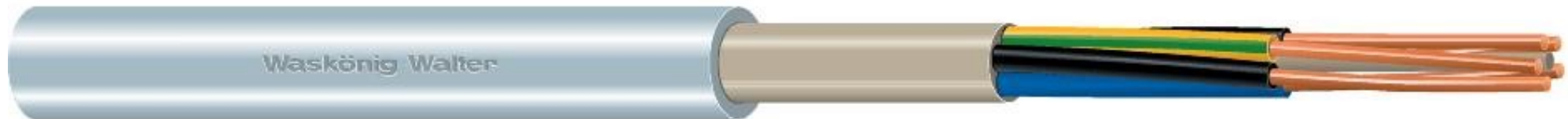


Power cable

Installation cable, XLPE insulated, halogen free, flame retardant

NHXMH Dca

300/500 V



according VDE 0250 part 214.

Characteristics	Properties	Unit
Conductor material	Copper	
Core insulation material	Polyolefin	
Core identification according to HD 308 S2	Yes	
Core colour		
Protective conductor	Yes	
Max. conductor temperature	90	°C
Screen	No	
Armouring/reinforcement	None	
Material outer sheath	Polyolefin	
Colour outer sheath	Grey	
Reaction-to-fire according to EN 13501-6: Class	Dca	
Reaction-to-fire according to EN 13501-6: Smoke production	s1a	
Reaction-to-fire according to EN 13501-6: Flaming droplets/particles	d2	
Reaction-to-fire according to EN 13501-6: Acidity	a1	

Characteristics	Properties	Unit
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	
Permitted cable outer temperature during assembling/handling	5 <=> 70	°C
Permitted cable outer temperature after assembling without vibration	-40 <=> 70	°C
Nominal voltage U0	300	V
Nominal voltage U	500	V
Shape of conductor	Round	
Suitable as installation cable	Yes	
Certified for shipboard application	No	
Suitable as medium-voltage cable	No	
Suitable as high-voltage cable	No	
Certified as airport lighting cable	No	
Minimum bending radius	4	x Außen-Ø
max. short circuit temperature	160	°C

Product												Packaging						
Number of cores	Nominal cross section conductor (in mm²)	Conductor Diameter (in mm)	Conductor category	Conductor resistance at 20 °C (in Ohm/km)	Core diameter	Diamètre extérieur	Kerndurchmesser	Outer diameter	Outer diameter approx. (in mm)	Weight (in kg/km)	diámetro exterior	Packing	Individual length (in m)	Außendurchmesser	Bruttogewicht pro Paletteinheit (in kg)	Höhe	Paletteinheit (in m)	Net weight (in kg)
3	1.5	1.5	Class 1 = solid	12.1	200	390	200	390	9	117.72	390	Ring	100	390	754.32	80	6,000	12
3	1.5	1.5	Class 1 = solid	12.1	150	450	150	450	9	117.72	450	Drum	500	450	793.92	419	6,000	61
3	2.5	2.5	Class 1 = solid	7.41	200	390	200	390	10	151.38	390	Ring	100	390	787.82	96	4,800	16
3	2.5	2.5	Class 1 = solid	7.41	150	450	150	450	10	151.38	450	Drum	500	450	686.72	419	4,000	80

Product												Packaging						
Number of cores	Nominal cross section conductor (in mm²)	Conductor Diameter (in mm)	Conductor category	Conductor resistance at 20 °C (in Ohm/km)	Core diameter	Diamètre extérieur	Kerndurchmesser	Outer diameter	Outer diameter approx. (in mm)	Weight (in kg/km)	diámetro exterior	Packing	Individual length (in m)	Außendurchmesser	Bruttogewicht pro Paletteinheit (in kg)	Höhe	Paletteinheit (in m)	Net weight (in kg)
3	4	4	Class 1 = solid	4.61	200	390	200	390	11	225.14	390	Ring	100	390	867.97	137	3,600	23
3	4	4	Class 1 = solid	4.61	260	600	260	600	12	225.14	600	Drum	500	600	509.94	419	2,000	117
3	6	6	Class 1 = solid	3.08					13	294.42		Ring, Drum	Cut length					295
3	6	6	Class 1 = solid	3.08	200	430	200	430	13	294.42	430	Ring	100	430	612.72	149	2,000	30
4	1.5	1.5	Class 1 = solid	12.1	200	390	200	390	10	134.79	390	Ring	100	390	792.89	92	5,400	14
4	1.5	1.5	Class 1 = solid	12.1	150	450	150	450	9	134.79	450	Drum	500	450	918.06	419	6,000	71
4	2.5	2.5	Class 1 = solid	7.41	400	200	400	200	11	180.82	200	Ring	100	200	932.11	110	4,800	19
4	2.5	2.5	Class 1 = solid	7.41	150	450	150	450	10	180.82	450	Drum	500	450	1,199.04	419	6,000	95
5	1.5	1.5	Class 1 = solid	12.1					10	164.55		Ring	100		713.91		4,200	16
5	1.5	1.5	Class 1 = solid	12.1	150	500	150	500	10	164.55	500	Drum	500	500	709	419	4,000	82
5	2.5	2.5	Class 1 = solid	7.41	400	200	400	200	11	211.76	200	Ring	100	200	818.69	129	3,600	22
5	2.5	2.5	Class 1 = solid	7.41	260	600	260	600	11	211.76	600	Drum	500	600	482.56	419	2,000	111
5	4	4	Class 1 = solid	4.61	200	430	200	430	13	318.48	430	Ring	100	430	682.32	145	2,000	33
5	4	4	Class 1 = solid	4.61	315	752	315	752	14	318.48	752	Drum	500	752	732.96	419	2,000	165
5	6	6	Class 1 = solid	3.08					15	424.73		Ring, Drum	Cut length					425
5	6	6	Class 1 = solid	3.08	300	580	300	580	15	424.73	580	Ring	100	580	703.39	103	1,600	43
5	10	10	Class 1 = solid	1.83					17	648.61		Ring, Drum	Cut length					655
5	16	16	Class 2 = stranded	1.15					21	997.59		Ring, Drum	Cut length					999