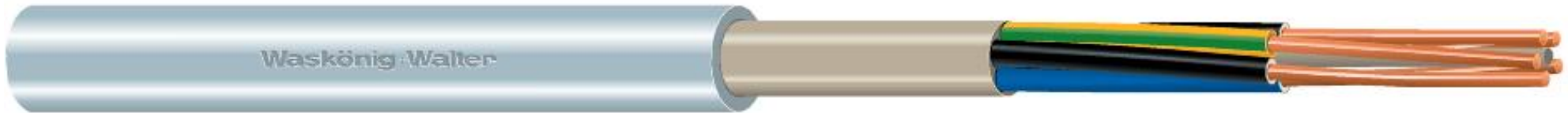


Power cable

Power cable, PVC insulated, copper conductor

(N)YM-J

300/500 V



Based on VDE 0250 part 204.

Characteristics	Properties	Unit
Conductor material	Copper	
Conductor category	Class 1 = solid	
Core insulation material	Polyvinyl chloride (PVC)	
Core identification according to HD 308 S2	Yes	
Core colour		
Protective conductor	Yes	
Max. conductor temperature	70	°C
Screen	No	
Armouring/reinforcement	None	
Material outer sheath	Polyvinyl chloride (PVC)	
Colour outer sheath	Grey	
Reaction-to-fire according to EN 13501-6: Class	Eca	
Halogen free (acc. EN 60754-1/2)	No	
Flame retardant	In accordance with IEC/EN 60332-1-2	
Low smoke (acc. EN 61034-2)	No	

Characteristics	Properties	Unit
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	8	x Außen-Ø
max. short circuit temperature	160	°C

Product							Packaging						
Number of cores	Nominal cross section conductor (in mm²)	Conductor Diameter	Conductor resistance at 20 °C (in Ohm/km)	Kerndurchmesser (in mm)	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Außendurchmesser (in mm)	Bruttogewicht pro Paletteinheit (in kg)	Höhe (in mm)	Paletteinheit (in m)	Net weight (in kg)
1	25		0.727	200	11	312.42	Ring	50	390	866.33	68	2,700	16
1	25		0.727	200	11	312.42	Ring	100	390	1,147.51	135	3,600	31
1	25		0.727	315	11	312.42	Drum	500	710	183.21	462	500	156
10	1.5		12.1	200	13	293.69	Ring	50	390	727.66	92	2,400	15
10	1.5		12.1	200	13	293.69	Ring	100	430	727.66	142	2,400	29
10	1.5		12.1	315	13	293.69	Drum	500	710	173.85	462	500	147
12	1.5		12.1	200	14	322.78	Ring	50	390	410.14	97	1,200	16

Product							Packaging						
Number of cores	Nominal cross section conductor (in mm ²)	Conductor Diameter	Conductor resistance at 20 °C (in Ohm/km)	Kerndurchmesser (in mm)	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Außendurchmesser (in mm)	Bruttogewicht pro Paletteinheit (in kg)	Höhe (in mm)	Paletteinheit (in m)	Net weight (in kg)
12	1.5		12.1	200	14	322.78	Ring	100	430	603.8	150	1,800	32
12	1.5	1.5	12.1	315	14	322.78	Drum	500	710	188.39	462	500	161