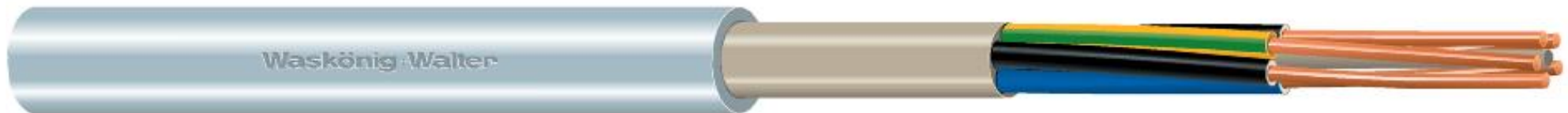


Power cable

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)	Core diameter (in mm)	Diamètre extérieur (in mm)	Kerndurchmesser (in mm)	Outer diameter (in mm)	Outer diameter approx. (in mm)	Weight (in kg/km)	diámetro exterior (in mm)	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	390	200	390	11	312.42	390	Ring	50	390	866.33	68	2,700	16
1	25		0.727	200	390	200	390	11	312.42	390	Ring	100	390	1,147.51	135	3,600	31
1	25		0.727	315	710	315	710	11	312.42	710	Drum	500	710	183.21	462	500	156
10	1.5		12.1	200	390	200	390	13	293.69	390	Ring	50	390	727.66	92	2,400	15
10	1.5		12.1	200	430	200	430	13	293.69	430	Ring	100	430	727.66	142	2,400	29
10	1.5		12.1	315	710	315	710	13	293.69	710	Drum	500	710	173.85	462	500	147
12	1.5		12.1	200	390	200	390	14	322.78	390	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)	Core diameter (in mm)	Diamètre extérieur (in mm)	Kerndurchmesser (in mm)	Outer diameter (in mm)	Outer diameter approx. (in mm)	Weight (in kg/km)	diámetro exterior (in mm)	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	430	200	430	14	322.78	430	Ring	100	430	603.8	150	1,800	32
12	1.5	1.5	12.1	315	710	315	710	14	322.78	710	Drum	500	710	188.39	462	500	161