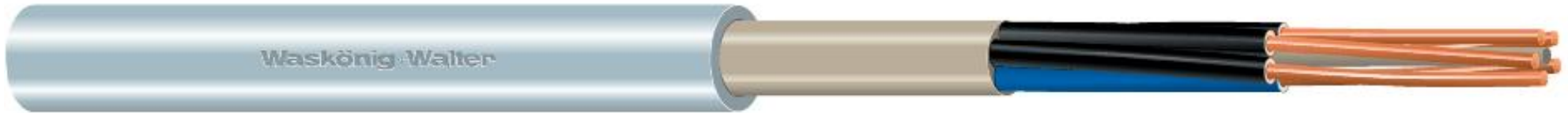


Power cable

Power cable, PVC insulated, copper conductor

NYM-O

300/500 V



According to VDE 0250 part 204.

Characteristics	Properties	Unit
Conductor material	Copper	
Core insulation material	Polyvinyl chloride (PVC)	
Core identification according to HD 308 S2	Yes	
Protective conductor	No	
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	
Permitted cable outer temperature during assembling/handling	5 <=> 70	°C
Permitted cable outer temperature after assembling without vibration	-40 <=> 70	°C

Characteristics	Properties	Unit
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
Core colour		

Product											Packaging						
Number of cores	Nominal cross section conductor (in mm ²)	Conductor category	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)
3	1.5	Class 1 = solid	12.1	200	350	200	350	9	111.1	350	Ring	50	350	522.75	52	4,500	6
3	1.5	Class 1 = solid	12.1	200	390	200	390	9	111.1	390	Ring	100	390	689.4	76	6,000	11
3	1.5	Class 1 = solid	12.1	150	410	150	410	9	111.1	410	Drum	500	410	726.6	419	6,000	56
4	10	Class 1 = solid	1.83	300	470	300	470	17	585.17	470	Ring	50	470	554.06	128	900	30
4	10	Class 1 = solid	1.83	355	710	355	710	17	585.17	710	Drum	250	710	172.57	520	250	148
4	10	Class 1 = solid	1.83	450	900	450	900	17	585.17	900	Drum	500	900	342.15	690	500	295
4	16	Class 2 = stranded	1.15	300	590	300	590	20	904.75	590	Ring	50	590	746.6	95	800	45
4	16	Class 2 = stranded	1.15	400	800	400	800	20	904.75	800	Drum	250	800	257.19	520	250	226

Product											Packaging						
Number of cores	Nominal cross section conductor (in mm ²)	Conductor category	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)
4	16	Class 2 = stranded	1.15	500	1,000	500	1,000	20	904.75	1,000	Drum	500	1,000	523.38	710	500	452