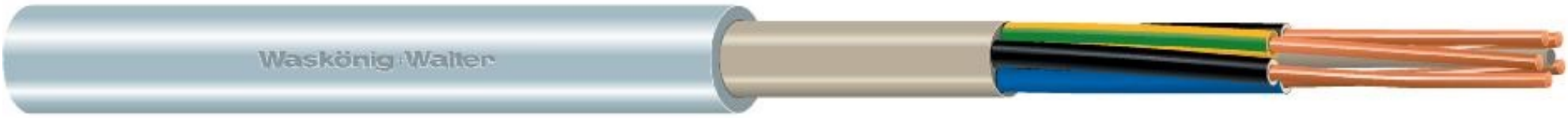
Waskönig+Walter

Power cable

MMJ

Installation cable, PVC insulated

300/500 V



Characteristics	Properties	Unit
Conductor material	Copper	
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	No	
Low smoke (acc. EN 61034-2)	No	

Characteristics	Properties	Unit
Permitted cable outer temperature during assembling/handling	-15 => 70	°C
Permitted cable outer temperature after assembling without vibration	-40 => 70	°C
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

Bruttogewicht pro Paletteinheit	Conductor Diameter	Conductor category	Conductor resistance at 20 °C	Metal number	Nominal cross section conductor	Nominal voltage U	Nominal voltage U0	Number of cores	Outer diameter approx.	Paletteinheit	Weight	Individual length	Net weight	Packing
544.26 kg	1.5 mm	Class 1 = solid	12.1	Copper 43	1.5 mm²	500 V	300 V	3	9 mm	4,500 m	115.88	50 m	6 kg	Ring
718.08 kg	1.5 mm	Class 1 = solid	12.1	Copper 43	1.5 mm²	500 V	300 V	3	9 mm	6,000 m	114.88	100 m	12 kg	Ring
470.222 kg	1.5 mm	Class 1 = solid	12.1	Copper 43	1.5 mm²	500 V	300 V	3	9 mm	3,600 m	114.88	300 m	35 kg	Drum
506.488 kg	1.5 mm	Class 1 = solid	12.1	Copper 43	1.5 mm²	500 V	300 V	3	9 mm	4,000 m	114.88	500 m	58 kg	Drum
659.87 kg	2.5 mm	Class 1 = solid	7.41	Copper 72	2.5 mm²	500 V	300 V	3	10 mm	3,900 m	163.35	50 m	8 kg	Ring
488.85 kg	2.5 mm	Class 1 = solid	7.41	Copper 72	2.5 mm²	500 V	300 V	3	12 mm	3,000 m	155.35	100 m	16 kg	Ring
708.87 kg	2.5 mm	Class 1 = solid	7.41	Copper 72	2.5 mm²	500 V	300 V	3	10 mm	4,200 m	162.36	100 m	16 kg	Ring
543.102 kg	2.5 mm	Class 1 = solid	7.41	Copper 72	2.5 mm²	500 V	300 V	3	10 mm	3,000 m	162.36	250 m	41 kg	Drum

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Bruttogewicht pro Paletteinheit	Conductor Diameter	Conductor category	Conductor resistance at 20 °C	Metal number	Nominalcross section conductor	Nominal voltage U	Nominal voltageU0	Number of cores	Outer diameter approx.	Paletteinheit	Weight	Individual length	Net weight	Packing
696.368 kg	2.5 mm	Class 1 = solid	7.41	Copper 72	2.5 mm²	500 V	300 V	3	10 mm	4,000 m	162.36	500 m	82 kg	Drum
700.78 kg	4 mm	Class 1 = solid	4.61	Copper 154	4 mm²	500 V	300 V	4	13 mm	2,400 m	282.49	100 m	28 kg	Ring
189.25 kg	4 mm	Class 1 = solid	4.61	Copper 154	4 mm²	500 V	300 V	4	13 mm	500 m	282.49	500 m	141 kg	Drum
706.52 kg	1.5 mm	Class 1 = solid	12.1	Copper 72	1.5 mm²	500 V	300 V	5	11 mm	4,200 m	161.45	100 m	16 kg	Ring
541.422 kg	1.5 mm	Class 1 = solid	12.1	Copper 72	1.5 mm²	500 V	300 V	5	11 mm	3,000 m	161.45	250 m	41 kg	Drum
863.4 kg	2.5 mm	Class 1 = solid	7.41	Copper 120	2.5 mm²	500 V	300 V	5	12 mm	3,600 m	232.23	50 m	12 kg	Ring
723.3 kg	2.5 mm	Class 1 = solid	7.41	Copper 120	2.5 mm²	500 V	300 V	5	12 mm	3,000 m	232.23	100 m	23 kg	Ring
613.452 kg	2.5 mm	Class 1 = solid	7.41	Copper 120	2.5 mm²	500 V	300 V	5	12 mm	2,400 m	232.23	200 m	47 kg	Drum
489.8 kg	2.5 mm	Class 1 = solid	7.41	Copper 120	2.5 mm²	500 V	300 V	5	12 mm	2,000 m	232.23	500 m	117 kg	Drum
	6 mm	Class 2 = stranded	3.08	Copper 288	6 mm²	750 V	450 V	5	16 mm		466.36	Cut length	466 kg	Ring, Drum
	6 mm	Class 2 = stranded	3.08	Copper 288	6 mm²	750 V	450 V	5	16 mm		466.36	Cut length	466 kg	Ring, Drum
675.7 kg	6 mm	Class 2 = stranded	3.08	Copper 288	6 mm²	750 V	450 V	5	16 mm	1,400 m	466.36	100 m	47 kg	Ring
330.49 kg	10 mm	Class 2 = stranded		Copper 480	10 mm²	750 V	450 V	5	19 mm	400 m		100 m	77 kg	Drum
638.18 kg	10 mm	Class 2 = stranded		Copper 480	10 mm²	750 V	450 V	5	19 mm	800 m		200 m	154 kg	Drum

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