

**Power cable**

Single core, PVC insulated

**H05V-K**

300/500 V



According to VDE 0281 part 3.

Characteristics	Properties	Unit
Conductor material	Copper	
Shape of conductor	Round	
Nominal cross section conductor	1	mm <sup>2</sup>
Diameter conductor	1	mm
Conductor category	Class 5 = flexible	
Number of cores	1	
Core insulation material	Polyvinyl chloride (PVC)	
Max. conductor temperature	70	°C
Protective conductor	No	
Screen	No	
Armouring/reinforcement	None	
Material outer sheath	None	
Colour outer sheath	None	
Reaction-to-fire class according to EN 13501-6	Fca	
Halogen free (acc. EN 60754-1/2)	No	

Characteristics	Properties	Unit
Flame retardant	In accordance with EN 60332-1-2	
Low smoke (acc. EN 61034-2)	No	
Outer diameter approx.	3	mm
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
Minimum bending radius	4	x Außen-Ø
max. short circuit temperature	160	°C
Paletteinheit	60.000	m
Metal number	Copper	9.6

Bruttogewicht pro Paletteinheit	Individual length	Net weight	Packing
797,400 kg	100 m	13 kg	Ring
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