

**Power cable**

Flexible cords, PVC insulated

**H05VV-F**

300/500 V



According to VDE 0281 part 5.

Characteristics	Properties	Unit
Conductor material	Copper	
Nominal cross section conductor	2.5	mm <sup>2</sup>
Conductor category	Class 5 = flexible	
Number of cores	3	Stck
Core insulation material	Polyvinyl chloride (PVC)	
Specification core insulation	Other	
Core identification	Colour	
Protective conductor	Ja	
Suspension element	None	
Material outer sheath	Polyvinyl chloride (PVC)	
Specification material outer sheath	Other	
Colour outer sheath	White	
Torsion resistant	No	
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	
Oil resistant (acc. EN 60811-404)	No	
Shape	Round	
Outer diameter approx.	10	mm
Minimum bending radius	3	x Außen-Ø
Min. permitted bending radius, stationary application/permanent installation	30	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
max. short circuit temperature	150	°C
Paletteinheit	4.200	m
Bruttogewicht pro Paletteinheit	646,080	kg
Metal number	Copper	72

Individual length	Net weight	Packing
100 m	148 kg	Ring