

# PVC insulated flexible flat cable

## H05VVH6-F



DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

**Application:** As connection and feeder cable for power supply, control and regulation at minimum mechanical loads in dry and damp areas. For the connection of mobile parts of machine tools, conveyor plants and major items of equipment, in particular, if the cable is exposed to strong and frequent bends in only one level.

### Construction and technical data:

<b>Standard:</b>	with reference to DIN EN 50214
<b>Conductor material:</b>	copper, bare
<b>Conductor construction:</b>	Class 5 = flexible
<b>Insulation:</b>	PVC
<b>Sheathing material:</b>	PVC
<b>Colour of outer sheath:</b>	black
<b>Flame-retardant:</b>	VDE 0482-332-1-2/IEC 60332-1-2
<b>Max. temperature at conductor, °C:</b>	70 °C
<b>Permitted outer cable temperature, fixed, °C:</b>	-30 - +60 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-20 - +60 °C
<b>Bending radius, fixed installation:</b>	3 x Ø
<b>Bending radius, moving application:</b>	4 x Ø



*The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.*

### H05VVH6-F

<b>Nominal voltage U<sub>o</sub>:</b>	300 V
<b>Nominal voltage U:</b>	500 V
<b>Test voltage:</b>	2 kV
<b>Protective conductor:</b>	yes
<b>Core identification:</b>	colours acc. to VDE 0293 (HD 308); more than 5 cores: gn-ye + numbers

part no.	part name	RI [Ohm/km]	Ik [kA]	w [mm]	h [mm]	Cu [kg/km]	G [kg]
033505	24G1	19.5	42.8	68.1	5.6	231	654

RI	Conductor resistance
Ik	Short-circuit current (1 s)
w	Width of (flat) cable approx.
h	Approx. height of (flat) cable
Cu	Copper weight (GER)
G	net weight per 1000