

**Datasheet** Version 1/2009  
**H05V-U (Yse) PVC Insulated Single Core Wire**

**Application:** For protected fixed installations inside appliances and in or on lighting fittings. Further for installations in pipes on and under plaster, however, only for signal circuit and control circuit.



**Construction:** 1 ..... solid bare copper  
 2 ..... PVC insulation

**According to:** DIN VDE 0281-3  
 DIN EN 60228 Class 5 (construction)

**Technical data:**

Nominal voltage U <sub>0</sub> /U		[V]	300 / 500 Volt
Test voltage		[V] <sub>AC</sub>	2000
Temperature range	in motion		+5 °C till +70 °C
Operating temperature	short circuit	°C	160
Short circuit time	max.	[sec]	5
Bending radius	min.	x diameter	4
Flammability	standard		EN 60332-1-2

Nominal cross section	Colours	Copper figure	Cond. construction (appr. value)	Overall diameter	Weight
mm <sup>2</sup>		kg/km	mm	appr. mm	appr. kg / km
1	<b>bk/bl/br/gy gr/vi/wt/or gn/ye/rd/pk</b>	10	1 x 1,15	2,6	14