



## 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

**Standards:**  
 DIN VDE 0285-525-2-31  
 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	160°C
Short circuit time	max.	[sec] 5
Bending radius	min.	x diameter 4
Flammability	standard	EN 60332-1-2

Nominal cross section mm <sup>2</sup>	Colours	from stock	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter appr. mm	Weight appr. kg / km
0,5	gr/wt/gn/vi	●	5	1 x 0,78	2,3	9
	rd/dbl	●				
0,75	bk	●	7,5	1 x 0,95	2,4	12
1	bk/bl/br/yp	●	10	1 x 1,15	2,6	14
	gr/vi/wt/or	●				
	gn/ye/rd	●				