

## H05V-K (Ysf) PVC Insulated Single Core Wire

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



**Construction:** 1 ..... fine stranded bare cooper  
2 ..... PVC insulation

**Standards:** 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	160
Short circuit time	max.	5
Bending radius	min.	4 x diameter
Flammability	standard	EN 60332-1-2

Nominal cross section mm <sup>2</sup>	Colours	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter appr. mm	Weight appr. kg/km
<b>one coloured und yellow-green</b>					
0,50	bk/b/br	4,8	16 x 0,21	2,2	10,0
	yg/dbl/gr/lgy/vi/wt	4,8	16 x 0,21	2,2	10,0
	or/gn/ye/rd/pk/tra	4,8	16 x 0,21	2,2	10,0
0,75	bk/bl/br	7,2	24 x 0,21	2,4	12,0
	yg/dbl/lbl/gr	7,2	24 x 0,21	2,4	12,0
	vi/wt/or/gn/rd	7,2	24 x 0,21	2,4	12,0
1	bk/bl/br	9,6	32 x 0,21	2,6	14,0
	yg/dbl/lbl/gr/vi	9,6	32 x 0,21	2,6	14,0
	wt/or/gn/ye/rd	9,6	32 x 0,21	2,6	14,0
<b>two coloured construction</b>					
0,50	blwt/rdwt/rdye	4,8	16 x 0,21	2,2	10,0
	bkye/bkwt	4,8	16 x 0,21	2,2	10,0
0,75	blrd/blwt/wtbr	7,2	24 x 0,21	2,4	12,0
	dblwt/rdwt/gnwt	7,2	24 x 0,21	2,4	12,0
	gnbk/rdbk	7,2	24 x 0,21	2,4	12,0
1	blwt/rdwt/brwt	9,6	32 x 0,21	2,6	14,0
	bkwt/yebk/vibk	9,6	32 x 0,21	2,6	14,0
	blbk/brbk/viwt	9,6	32 x 0,21	2,6	14,0