



## 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 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
<b>one coloured und yellow-green</b>						
0,50	bk/b/br	●	5,0	16 x 0,21	2,2	10,0
	yg/dbl/gr/lgy/vi/wt	●	5,0	16 x 0,21	2,2	10,0
	or/gn/ye/rd/pk/tra	●	5,0	16 x 0,21	2,2	10,0
0,75	bk/bl/br	●	7,5	24 x 0,21	2,4	12,0
	yg/dbl/lbl/gr	●	7,5	24 x 0,21	2,4	12,0
	vi/wt/or/gn/rd	●	7,5	24 x 0,21	2,4	12,0
1	bk/bl/br	●	10,0	32 x 0,21	2,6	14,0
	yg/dbl/lbl/gr/vi	●	10,0	32 x 0,21	2,6	14,0
	wt/or/gn/ye/rd	●	10,0	32 x 0,21	2,6	14,0
<b>two coloured construction</b>						
0,50	blwt/dblwt	●	5,0	16 x 0,21	2,2	10,0
	bkye/bkwt	●	5,0	16 x 0,21	2,2	10,0
0,75	blrd/blwt/wtbr	●	7,5	24 x 0,21	2,4	12,0
	dblwt/rdwt	●	7,5	24 x 0,21	2,4	12,0
	gnbk/rdbk/gnwt	○	7,5	24 x 0,21	2,4	12,0
1	blwt/rdwt/brwt	●	10,0	32 x 0,21	2,6	14,0
	orbk	●	10,0	32 x 0,21	2,6	14,0
	bkwt/yebk/vibk	●	10,0	32 x 0,21	2,6	14,0
	blbk/brbk/viwt	●	10,0	32 x 0,21	2,6	14,0
	orwt	●	10,0	32 x 0,21	2,6	14,0