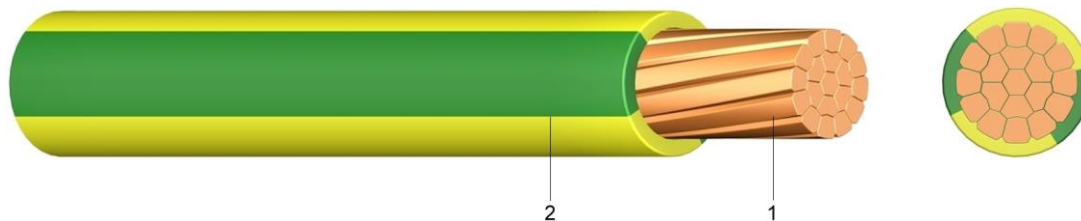


## H07V-R (Ym) PVC Insulated Single Core Wire

**Application:** For indoor fixed installations in dry locations, in switchboards and distributors, installed in surface mounted or embedded conduits, or on suitably objects.



**Construction:** 1 ..... stranded bare copper, compacted  
2 ..... PVC insulation

**Standards:** DIN VDE 0285-525-2-31  
DIN EN 60228 Class 2 (construction)

### Technical data:

Nominal voltage U <sub>0</sub> /U	[V]	450 / 750 Volt
Test voltage	[V] <sub>Ac</sub>	2500
Temperature range	in motion	+5°C till +70°C
Operating temperature	short circuit	160°C
Short circuit time	max.	[sec]
Bending radius	min.	x diameter
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
6	bk/bl	●	60	7 X 1,05	5,0	66
	gr	●	60	7 X 1,05	5,0	66
10	bk/bl/br	●	100	7 X 1,35	6,0	110
	gr	●	100	7 X 1,35	6,0	110
16	bk/bl	●	160	7 X 1,70	7,0	170
	br/gr	●	160	7 X 1,70	7,0	170
25	bk	●	250	7 X 2,13	9,0	270
	bl/br/gr	●	250	7 X 2,13	9,0	270
35	bk	●	350	7 X 2,52	10,0	360
	bl/br/gr	●	350	7 X 2,52	10,0	360
50	bk	●	500	19 X 1,83	11,0	530
	bl/gr	●	500	19 X 1,83	11,0	530
70	bk	●	700	19 X 2,17	14,0	740
	bl/gr	●	700	19 X 2,17	14,0	740
95	bk	●	950	19 X 2,52	15,0	1.000
	gr	●	950	19 X 2,52	15,0	1.000
120	bk	●	1.200	37 X 2,03	18,0	1.250
	gr	●	1.200	37 X 2,03	18,0	1.250
150	bk	●	1.500	37 X 2,27	19,0	1.580
	gr	●	1.500	37 X 2,27	19,0	1.580
185	bk	●	1.850	37 X 2,52	21,0	1.930
	gr	●	1.850	37 X 2,52	21,0	1.930
240	bk	●	2.400	61 X 2,24	23,0	2.500
	gr	●	2.400	61 X 2,24	23,0	2.500
300	bk	○	3.000	61 X 2,50	29,6	3.130