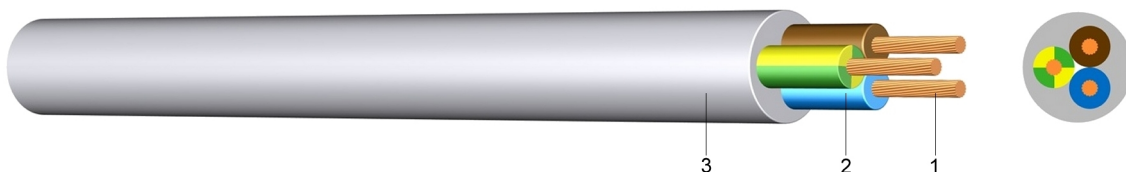


H05VV-F(YMM) PVC Sheathed Wire A05VV-F

Application:

Suitable in dry and humid locations for connections of electrical appliances submitted to medium level mechanical strength, like washing machines, refrigerators, etc. Suitable for heating appliances provided that there is no risk of contact with hot parts.



Construction:

- 1 fine-stranded bare copper
- 2 polyvinylchloride (PVC) insulation
- 3 polyvinylchloride (PVC) outer sheath

Standards:

DIN VDE 0281-5
HD 21.5 S3+A1+A2
DIN EN 60228 class 5 (construction)
HD 308 S2 (core identification)
ÖVE / ÖNORM E 8241 (HD21)

Technical data:

Nominal voltage U_0/U
Test voltage
Temperature range
Operating temperature
Short circuit time
Bending radius
Flammability

in motion
short circuit
max.
min.
standard

[V]
[V]_{Ac}
°C
[sec]
x diameter

300 / 500 Volt
2000
-5°C till +70°C
150
5
5
EN 60332-1-2

Number of cores and nominal cross section mm ²	Colours	Copper figure	Cond. construction (appr. value)	Overall diameter	Weight
		kg/km	mm	appr. mm	appr. kg/km
2 X 1	lgr	19,2	30 x 0,21	7,5	67
	bk/wt	19,2	30 x 0,21	7,5	67
2 X 1,5	lgr	28,8	30 x 0,26	8,6	89
	bk/wt	28,8	30 x 0,26	8,6	89
2 X 2,5	lgr	48,0	50 x 0,26	10,6	134
	bk	48,0	50 x 0,26	10,6	134
3 G 0,75	lgr	21,6	24 x 0,21	7,6	64
	wt	21,6	24 x 0,21	7,6	64
3 G 1	lgr	28,8	30 x 0,21	8,0	80
	wt/bk/br	28,8	30 x 0,21	8,0	80
3 G 1,5	lgr	43,2	30 x 0,26	9,4	120
	bk/wt/br/or	43,2	30 x 0,26	9,4	120
3 G 2,5	lgr	72,0	50 x 0,26	11,4	175
	bl/ws	72,0	50 x 0,26	11,4	175
4 G 1	lgr	38,4	30 x 0,21	9,0	94
	bk/wt	38,4	30 x 0,21	9,0	94

Number of cores and nominal cross section mm ²	Colours	Copper figure kg/km	Cond. construction (appr. value) mm	Overall diameter appr. mm	Weight appr. kg/km
4 G 1,5	lgr	57,6	30 x 0,26	10,5	130
	bk/wt	57,6	30 x 0,26	10,5	130
4 G 2,5	lgr	96,0	50 x 0,26	12,5	200
	bk/wt	96,0	50 x 0,26	12,5	200
4 G 4	lgr	153,6	56 x 0,31	14,3	280
5 G 0,75	lgr	36,0	24 x 0,21	9,3	100
	bk/wt	36,0	24 x 0,21	9,3	100
5 G 1	lgr	48,0	30 x 0,21	9,8	120
	wt/bk	48,0	30 x 0,21	9,8	120
5 G 1,5	lgr	72,0	30 x 0,26	11,6	170
	bk/wt/or	72,0	30 x 0,26	11,6	170
5 G 2,5	lgr	120,0	50 x 0,26	13,9	250
	bk/wt/or	120,0	50 x 0,26	13,9	250
5 G 4	lgr	192,0	56 x 0,31	16,1	350
	wt	192,0	56 x 0,31	16,1	350

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5 G 6	lgr	288,0	84 x 0,31	16,5	480
	wt	288,0	84 x 0,31	16,5	480
7 G 1	lgr	67,2	30 x 0,21	9,0	150
7 G 1,5	lgr	100,8	30 x 0,26	10,4	196
	bk	100,8	30 x 0,26	10,4	196
7 G 2,5	lgr	168,0	50 x 0,26	13,1	315
10 G 1,5	lgr	144,0	30 x 0,26	14,0	305