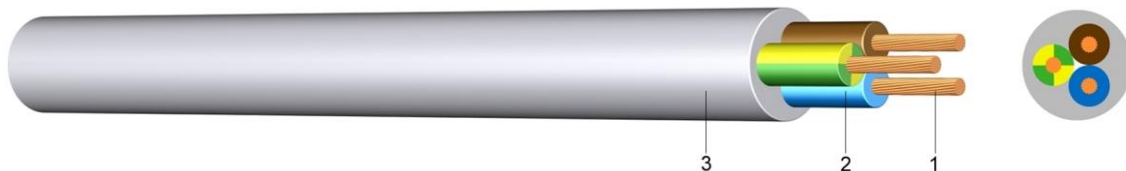




H05VV-F(YMM) PVC Sheathed Wire A05VV-F

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 0285-525-2-11
- 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		[V]	300 / 500 Volt
Test voltage		[V] _{Ac}	2000
Temperature range	in motion		-5°C till +70°C
Operating temperature	short circuit	°C	150°C
Short circuit time	max.	[sec]	5
Bending radius	min.	x diameter	5
Flammability	standard		EN 60332-1-2

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
2 X 1	lgr	●	20,0	30 x 0,21	7,5	67
	bk/wt	●	20,0	30 x 0,21	7,5	67
2 X 1,5	lgr	●	30,0	30 x 0,26	8,6	89
	bk/wt	●	30,0	30 x 0,26	8,6	89
2 X 2,5	lgr	●	50,0	50 x 0,26	10,6	134
	bk	●	50,0	50 x 0,26	10,6	134
3 G 0,75	lgr	●	22,5	24 x 0,21	7,6	64
	wt/bk	●	22,5	24 x 0,21	7,6	64
3 G 1	lgr	●	30,0	30 x 0,21	8,0	80
	wt/bk/br	●	30,0	30 x 0,21	8,0	80
3 G 1,5	lgr	●	45,0	30 x 0,26	9,4	120
	bk/wt/br/or/rd	●	45,0	30 x 0,26	9,4	120
3 G 2,5	lgr	●	75,0	50 x 0,26	11,4	175
	bl/ws	●	75,0	50 x 0,26	11,4	175
4 G 1	lgr	●	40,0	30 x 0,21	9,0	94
	bk/wt	●	40,0	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	●	60,0	30 x 0,26	10,5	130
	bk/wt	●	60,0	30 x 0,26	10,5	130
4 G 2,5	lgr	●	100,0	50 x 0,26	12,5	200
	bk/wt	●	100,0	50 x 0,26	12,5	200
4 G 4	lgr	●	160,0	56 x 0,31	14,3	280
5 G 0,75	lgr	●	37,5	24 x 0,21	9,3	100
	bk/wt	●	37,5	24 x 0,21	9,3	100
5 G 1	lgr	●	50,0	30 x 0,21	9,8	120
	wt/bk	●	50,0	30 x 0,21	9,8	120
5 G 1,5	lgr/bk/wt	●	75,0	30 x 0,26	11,6	170
	or	○	75,0	30 x 0,26	11,6	170
5 G 2,5	lgr/bk/wt/	●	125,0	50 x 0,26	13,9	250
	or	○	125,0	50 x 0,26	13,9	250
5 G 4	lgr	●	200,0	56 x 0,31	16,1	350
	wt	●	200,0	56 x 0,31	16,1	350
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5 G 6	lgr	●	300,0	84 x 0,31	16,5	480
	wt	○	300,0	84 x 0,31	16,5	480
7 G 1	lgr	●	70,0	30 x 0,21	9,0	150
7 G 1,5	lgr	●	105,0	30 x 0,26	10,4	196
	bk	●	105,0	30 x 0,26	10,4	196
7 G 2,5	lgr	●	175,0	50 x 0,26	13,1	315
10 G 1,5	lgr	●	150,0	30 x 0,26	14,0	305