

## Datasheet

Version 1/2009

### H03VV-F (YML) PVC Sheathed Wire A03VV-F

#### Application:

Suitable in dry locations for connections of portable electrical appliances submitted to weak mechanical strength, like radio sets and lighting fittings, but not for heating devices.



#### Construction:

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

#### According to:

DIN VDE 0281-5  
 HD 21.5 S3 +A1+A2  
 DIN EN 60228 class 5 (construction)  
 HD 308 S2 (core identification)  
 ÖVE / ÖNORM E8241 (HD21)

#### Technical data:

Nominal voltage U <sub>0</sub> /U		[V]	300 / 300 Volt
Test voltage		[V] <sub>AC</sub>	2000
Temperature range	in motion		-5°C till +70°C
Operating temperature	short circuit	°C	150
Short circuit time	max.	[sec]	5
Bending radius	min.	x diameter	6
Flammability	standard		EN 60332-1-2

Number of cores and 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
2 X 0,5	<b>lgr/wt</b>	10,0	16 x 0,21	5,9	38
2 X 0,75	<b>bk/lgr/wt</b>	15,0	24 x 0,21	6,3	48
3 G 0,5	<b>lgr</b>	15,0	16 x 0,21	6,3	44
	<b>br/bk/wt</b>	15,0	16 x 0,21	6,3	44
3 G 0,75	<b>lgr/wt</b>	22,5	24 x 0,21	6,7	57
	<b>bk/br/gold</b>	22,5	24 x 0,21	6,7	57
4 G 0,5	<b>lgr</b>	20,0	16 x 0,21	6,9	46
4 G 0,75	<b>lgr</b>	30,0	24 x 0,21	7,3	65
	<b>bk/wt/br</b>	30,0	24 x 0,21	7,3	65

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5 G 0,5	<b>lgr</b>	25,0	16 x 0,21	7,2	72
5 G 0,75	<b>lgr</b>	37,5	24 x 0,21	7,7	82
	<b>wt/bk</b>	37,5	24 x 0,21	7,7	82

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Number of cores and 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>A03VV-F</b>					
2 X 1	<b>lgr</b>	20,0	30 x 0,21	5,8	55
	<b>br/wt</b>	20,0	30 x 0,21	5,8	55
3 G 1	<b>lgr/wt</b>	30,0	30 x 0,21	6,2	60
	<b>br/bk</b>	30,0	30 x 0,21	6,2	60
4 G 1	<b>lgr</b>	40,0	30 x 0,21	6,8	72
	<b>wt</b>	40,0	30 x 0,21	6,8	72