

# H05VV-F PVC

## flexible cable



### 01 | APPLICATION:

Used for ordinary duty for instruments and devices, even in damp areas. Use outdoors for temporary periods of short duration. It is resistant to flame spread.

### 02 | CONSTRUCTION:

**Conductor:** Plain annealed flexible stranded copper / IEC 60228, Class 5  
**Insulation:** Polyvinyl Chloride (PVC)

**Insulation color:** 2 core: ● Brown ● Blue  
3 core: ● Brown ● Blue ● G/Y  
4 core: ● Black ● Brown ● Grey ● G/Y  
5 core: ● Black ● Brown ● Grey ● Blue ● G/Y

### 03 | CHARACTERISTICS:

**Rated voltage  $U_0/U$ :** 300/500V  
**Test Voltage:** 2kV  
**Bending radius flexed:** 8 x outer  $\varnothing$   
**Temperature range flexed:** -5°C to +70°C  
**Short circuit temperature:** 150°C

### 04 | STANDARDS:

**Flame-resistant test**  
acc. to EN 60332-1-2

## DIMENSIONS

Nom. Cross Section Area N x mm <sup>2</sup>	Thickness of Insulation mm	Nom. overall diameter mm	Nom. weight kg/km	Resistance of conductor at 20 °C Ω/km
2 x 0.75	0.6	5.9	51	26.0
2 x 1	0.6	6.3	59	19.5
2x 1.5	0.7	7.2	80	13.3
2x 2.5	0.8	8.9	124	7.98
2 x 4	1.0	10.1	170	4.95
3 x 0.75	0.6	6.3	60	26.0
3x 1	0.6	6.7	71	19.5
3x 1.5	0.7	7.9	100	13.3
3x 2.5	0.8	9.6	155	7.98
3 x 4	1.0	10.9	215	4.95
4 x 0.75	0.6	6.8	73	26.0
4x 1	0.6	7.5	89	19.5
4 x 1.5	0.7	8.8	126	13.3
4 x 2.5	0.8	10.5	189	7.98
4 x 4	1.0	11.9	264	4.95
5x0.75	0.6	7.7	92	26.0
5 x 1	0.6	8.2	108	19.5
5x 1.5	0.7	9.8	158	13.3
5 x 2.5	0.8	11.7	240	7.98
5 x 4	1.0	13.5	336	4.95