



## ***H03VV-F 300/300 V***

### **Reference standards**

CEI 20-20 /5  
CENELEC HD 21.5 S3  
CEI EN 60332-1-2  
2011/65/CE  
2006/95/CE

### **Cable description**

Multicore energy cables, flexible, harmonised, with PVC insulation and sheathing

- No flame propagation
- Good flexibility

### **Conductor**

Annealed red copper with flexible round cord CLASS 5

### **Core isolation**

Polyvinyl chloride (PVC) T12 quality

### **Core colour**

2x Brown / Blue  
3x Yellow-Green / Brown / Blue

### **Sheath**

Polyvinyl chloride (PVC) coating TM2 quality

### **Sheath colour**

Black - White - Grey RAL 7035

### **Technical specifications**

**Rated voltage:  $U_0/U$ :** 300/300 V

**Maximum operating temperature:** 60° C

**Minimum operating temperature:** -10° C

**Maximum short-circuit temperature:** 150° C

### **Installation conditions**

**Minimum installation temperature:** 5° C

**Recommended minimum bending radius:** 4 times the maximum outer diameter (fixed p.p.) 6 times the maximum outer diameter (movable p.p.)

**Maximum recommended tensile stress:** 15 N/mm<sup>2</sup> of copper section

### **Packaging**

- Hanks 100 metres
- Wooden reel

### **Applications**

Cables suitable for mobile laying. Suitable for installation in domestic premises, kitchens and offices as well as in humid environments. Also suitable for supplying heating and kitchen appliances as long as not in contact with hot parts and not subject to radiation.

Not permitted for use in industrial agricultural buildings or outdoors and for non-domestic mechanical tools.

<b>Conductor number N°</b>	<b>Nominal section mmq</b>	<b>Approximate conductor diameter mm</b>	<b>Average insulation thickness mm</b>	<b>Maximum external diameter mm</b>	<b>Approximate weight Kg /km</b>	<b>Electrical resistance at 20° C. Maximum Ω/Km</b>
2 x	0,50	0,9	0,5	5,9	36	39
	0,75	1,1	0,5	6,3	45	26
3 G	0,50	0,9	0,5	6,3	44	39
	0,75	1,1	0,5	6,7	55	26