

# H05V2V2H2-F



Flexible power cables PVC insulated, under a medium PVC sheath, with a maximum continuous operating temperature of 90 °C.

## Rated voltage

U<sub>0</sub>/U 300/500 V

## Standards

EN 50525-1, EN 50525-2-11, EN IEC 60332-1-2, EN IEC 60228.

## European directives

2014/35/UE (LVD) - 2011/65/CE e 2015/863/EU (RoHS).

## Conductor

Flexible annealed plain copper class 5 (EN IEC 60228).

## Insulation

PVC of type T12. Colour of the core: blue-brown.

## Sheath

PVC of type TM3. Colour of the sheath: black or white or grey; if explicitly requested, and for agreed quantities, the cables can be supplied in other single colours.

## Marking

Continuous marking on the sheath: on one side « ICEL H05V2V2H2-F IEMMEQU <HAR> ECOGAMMA »; on the opposite side « nominal cross section, year of production, MADE IN ITALY ».

## Guidance for Use

For use in domestic appliances in which the cable is going to operate at high temperatures; unsuitable for outdoor installations, in industrial or agricultural buildings or for non-domestic portable tools.

Further instructions and guidance for use are given in the EN 50565 standard.

EN IEC  
60332-1-2



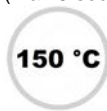
Minimum  
installation and  
handling temp  
+5 °C



Maximum  
operating  
temperature  
on the conductor



Maximum  
short circuit  
temperature  
(max 5 sec)



Minimum  
usage  
temperature  
-10 °C



Maximum  
tensile  
stress  
1,5 kg/mm<sup>2</sup>



Minimum internal  
bending radii  
3 ÷ 7 times the  
overall diameter



Lead Free  
Ecogamma



According  
to  
RoHS



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Number and nominal cross-sectional area of conductors n x mm <sup>2</sup>	Maximum diameter of conductor wires mm	Thickness of insulation specified value mm	Thickness of sheath specified value mm	Mean overall dimensions		Indicative cable weight g/m	Maximum resistance of conductors at 20 °C ohm/km	Minimum insulation resistance at 90 °C Mohm•km
				MIN mm	MAX mm			
2 x 0,75	0,21	0,6	0,8	3,7x6,0	4,5x7,2	61	26,0	0,011
2 x 1	0,21	0,6	0,8	3,9x6,2	4,7x7,5	70	19,5	0,010
2 x 1,5	0,21	0,7	0,8	4,2x7,0	5,2x8,6	92	13,3	0,010