



H05VVH2-F



Flexible ordinary duty flat cables, PVC sheathed.

Rated voltage

U₀/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. Colours of the cores: blue-brown.

Sheath

PVC of type TM2. 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 H05VVH2-F IEMMEQU <HAR> ECOGAMMA EN BS 50525 »; on the opposite side « nominal cross section, year of production, MADE IN ITALY ».

Guidance for Use

For installation in domestic premises, kitchens, offices, for household appliances, including in damp premises.

Unsuitable for outdoor use, in industrial or agricultural buildings and 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/mm²



Minimum internal
bending radii
3 ÷ 7 times the
overall diameter



Lead Free
Ecogamma



According
to
RoHS



H05VVH2-F



Number and nominal cross-sectional area of conductors n x mm ²	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 70 °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