

H03V2V2-F



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

Rated voltage

U₀/U 300/300 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:

Two-core : blue-brown;

Three-core : green/yellow-blue-brown or brown-black-grey;

Four-core : green/yellow-brown-black-grey or blue-brown-black-grey;

Five-core : green/yellow-blue-brown-black-grey or blue-brown-black-grey-black.

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 H03V2V2-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.

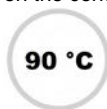
EN IEC
60332-1-2



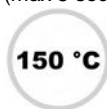
Minimum
installation and
handling temp
+5 °C



Maximum
operating
temperature
on the conductor



Maximum
short circuit
temperature
(max 5 sec)



Minimum
usage
temperature
-10 °C



Maximum
tensile
stress
1,5 kg/mm²



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 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 90 °C Mohm·km
				MIN mm	MAX mm			
2 x 0,5	0,21	0,5	0,6	4,6	5,9	40	39,0	0,011
2 x 0,75	0,21	0,5	0,6	4,9	6,3	48	26,0	0,010
3 G 0,5	0,21	0,5	0,6	4,9	6,3	48	39,0	0,011
3 G 0,75	0,21	0,5	0,6	5,2	6,7	56	26,0	0,010
4 G 0,5	0,21	0,5	0,6	5,4	6,9	57	39,0	0,011
4 G 0,75	0,21	0,5	0,6	5,7	7,3	74	26,0	0,010