

H05VV-F

CEI EN 50525-2-11
EN 50525-2-11
Low voltage directive 2006/95/CE
RoHS 2011/65/CE directive

IEMMEQU ◁ HAR ▷



Manufacturing characteristics

Conductor stranded bare copper, PVC insulation TI2, special quality PVC TM2 and any filler.

Marking

Embossing on the sheath:
 IRCE IEMMEQU ◁HAR▷ H05VV-F <nr. conductors x section><year>

Application – intended use

Flexible cables for mobile lightweight, suitable for installation in homes, kitchens, offices, for connection of portable light as hair dryers, washing machines, refrigerators etc., Which may be used for cooking and heating appliances provided they are not in contact with hot parts, not suitable for external use, in industrial buildings or for non-domestic portable tools.



Nominal voltage:
 $U_0/U = 300/500V$



Minimum bending radius:
 6 x ext. diameter



Operating temperature:
 60° C



Traction force during laying:
 15 N/mm² of copper section max for mobile layings



Short circuit temperature:
 150° C



Laying temperature:
 minimum 5° C

Number of conductors nom. cross section area n° x mm ²	Strands conductor maximum diameter mm	Average insulation thickness mm	Average sheath thickness mm	Maximum external cable diameter mm	Cable nominal weight kg / km	Max conductor resistance at 20° C Ohm / km	Max current carrying at 30° C in air mobile service A
2 x 0,75	0,21	0,60	0,80	7,2	53,5	26,00	6,0
2 x 1,00	0,21	0,60	0,80	7,5	61,5	19,50	10,0
2 x 1,50	0,26	0,70	0,80	8,6	82,5	13,50	16,0
2 x 2,50	0,26	0,80	1,00	10,6	127	7,98	20,0
2 x 4,00	0,31	0,80	1,10	12,1	174	4,95	30,0
3 x 0,75	0,21	0,60	0,80	7,6	63	26,00	6,0
3 x 1,00	0,21	0,60	0,80	8,0	73	19,50	10,0
3 x 1,50	0,26	0,70	0,90	9,4	103	13,50	16,0
3 x 2,50	0,26	0,80	1,10	11,4	159	7,98	20,0
3 x 4,00	0,31	0,80	1,20	13,1	218	4,95	30,0
4 x 0,75	0,21	0,60	0,80	8,3	76	26,00	6,0
4 x 1,00	0,21	0,60	0,90	9,0	92,5	19,50	10,0
4 x 1,50	0,26	0,70	1,00	10,5	129	13,50	16,0
4 x 2,50	0,26	0,80	1,10	12,5	193	7,98	20,0
4 x 4,00	0,31	0,80	1,20	14,3	269	4,95	30,0
5 x 0,75	0,21	0,60	0,90	9,3	96,5	26,00	6,0
5 x 1,00	0,21	0,60	0,90	9,8	112	19,50	10,0
5 x 1,50	0,26	0,70	1,10	11,6	162,5	13,50	16,0
5 x 2,50	0,26	0,80	1,20	13,9	243	7,98	20,0
5 x 4,00	0,31	0,80	1,40	16,1	345	4,95	30,0

VERSIONS ON REQUEST

The H05VV-F may be provided:

With sheathed colored to customer specifications

With external diameter to customer specifications.

NOTE: The flat version H05VVH2-F 2 x 0,75 mm² e 2 x 1,0 mm² is available.