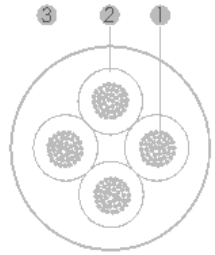


# Power cable H05V2V2-F



1. Conduttore flessibile in rame elettrolitico rosso Electrolytic bare copper flexible conductor
2. Isolamento in PVC TI3 TI3 PVC insulation
3. Guaina in PVC TM3 TM3 PVC outer sheath



## APPLICATIONS



They are intended for : installations in kitchens and offices; interconnection of household appliances even in wet places; any installation where they could be undergone to medium mechanical stress (washing machines, hair-dryers, refrigerators). They can be used also for cooking and heating equipment provided that the cable does not come in contact with hot parts or it is not subjected to thermal exposure. Suitable where higher heat resistance is required.

Technical Data			
Temperature range	- 20 ÷ 90 °C (@ fixed installation )	Bending radius	≥ 8 x D (@ fixed installation )
Short-circuit temperature	160 °C	Test voltage	2000 VAC
Voltage rating	300/500 VAC	Flame resistance	IEC 60332-1-2 CPR class Eca
Suitable for indoor use		Suitable for fixed installation	

Size conductor [ mm <sup>2</sup> ]	Conductor stranding [ N° x mm ]	Electrical resistance [ Ω / Km ]	Diameter on insulation [ mm ]	Radial thickness of insulation [ mm ]
0.50	16 x 0.193	≤ 39.0	1.88 ± 0.1	≥ 0.50
0.75	24 x 0.193	≤ 26.0	2.08 ± 0.1	≥ 0.50

Size conductor [ mm <sup>2</sup> ]	Outer diameter [ mm ]	Thickness of jacket [ mm ]	Size conductor [ mm <sup>2</sup> ]	Outer diameter [ mm ]	Thickness of jacket [ mm ]
2 x 0.75	6.2 ± 0.2	≥ 0.80	3 x 1.5	7.9 ± 0.2	≥ 0.90
3 x 0.75	6.5 ± 0.2	≥ 0.80	4 x 1.5	9.0 ± 0.2	≥ 1.0
4 x 0.75	7.1 ± 0.2	≥ 0.80	5 x 1.5	9.85 ± 0.3	≥ 1.1
5 x 0.75	8.1 ± 0.2	≥ 0.90	2 x 2.5	9.3 ± 0.2	≥ 1.0
2 x 1	6.5 ± 0.2	≥ 0.80	3 x 2.5	10.0 ± 0.3	≥ 1.1
3 x 1	6.9 ± 0.2	≥ 0.80	4 x 2.5	10.75 ± 0.3	≥ 1.1
4 x 1	7.8 ± 0.2	≥ 0.90	5 x 2.5	12.3 ± 0.3	≥ 1.2
5 x 1	8.35 ± 0.2	≥ 0.90	2 x 4	10.6 ± 0.3	≥ 1.1
2 x 1.25	7.2 ± 0.2	≥ 0.80	3 x 4	11.3 ± 0.3	≥ 1.2
3 x 1.25	7.8 ± 0.2	≥ 0.90	4 x 4	12.4 ± 0.3	≥ 1.2
2 x 1.5	7.3 ± 0.2	≥ 0.80	5 x 4	14.0 ± 0.3	≥ 1.4

REMARK : The 1.25 mm<sup>2</sup> size cables are intended for use on appliances fitted with 13 A plugs conforming to BS 1363-1 or I.S 401 standards

## Standard reference

EN 50525-2-11, Low Voltage European Directive No. 2014/35/EU, IMQ-HAR certificate No. A2220, European Regulation 305/2011 ( CPR ), DoP No. 0021

## Stranding of conductor

Class 5 electrolytic bare copper flexible conductor conforming to IEC 60228 standard

## Insulation

TI3 type PVC complying with EN 50363-3

## Cable assembly

The inner cores will be twisted together, if it will be necessary, around a central filler

## Color of insulation

In compliance with requirements of HD 308 S2 standard

## Outer sheath

TM3 type PVC complying with EN 50363-4-1

## Color of sheath

On customer's request

## Marking

Embossed marking : SALCAVI SPA ITALY - IEMMEQU <HAR> H05V2V2-F HT90°C - CPR CLASS Eca - YEAR