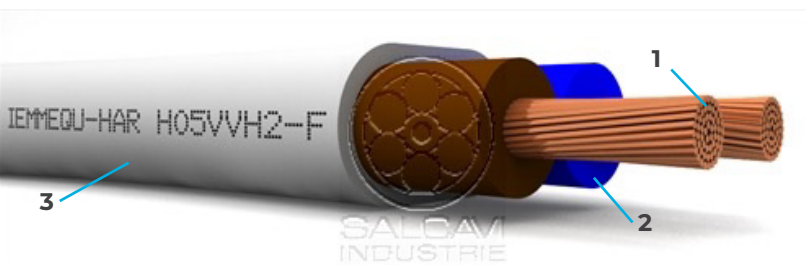
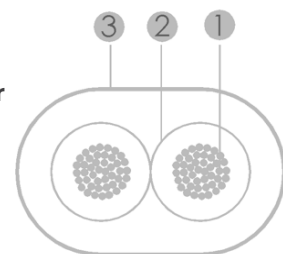


# Power cable H05VVH2-F



1. Conduttore flessibile in rame elettrolitico rosso Electrolytic bare copper flexible conductor
2. Isolamento in PVC TI2 TI2 PVC insulation
3. Guaina in PVC TM2 TM2 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.

Technical Data			
Temperature range	- 20 ÷ 70 °C (@ fixed installation )	Bending radius	≥ 8 x Dmax (@ 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 ]
0.75	24 x 0.193	≤ 26.0	2.33 ± 0.1	≥ 0.60
1	32 x 0.193	≤ 19.5	2.47 ± 0.1	≥ 0.60
1.25	40 x 0.193	≤ 15.6	2.80 ± 0.1	≥ 0.70
1.5	28 x 0.243	≤ 13.3	2.85 ± 0.1	≥ 0.70

Size conductor [ mm <sup>2</sup> ]	Outer diameter [ mm ]	Thickness of jacket [ mm ]
2 x 0.75	( 4.1 ± 0.2 ) x ( 6.3 ± 0.2 )	≥ 0.80
2 x 1	( 4.3 ± 0.2 ) x ( 6.8 ± 0.2 )	≥ 0.80
2 x 1.25	( 4.5 ± 0.2 ) x ( 7.4 ± 0.2 )	≥ 0.80
2 x 1.5	( 4.5 ± 0.2 ) x ( 7.4 ± 0.2 )	≥ 0.80

## Standard reference

EN 50525-2-51, European Regulation 305/2011 ( CPR )  
 IMQ-HAR approval No. A0644, DoP No. 0010

## Stranding of conductor

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

## Insulation

TI2 PVC complies with EN 50363-3 standard

## Cable assembly

Parallel inner cores

## Color of insulation

Blue, brown

## Outer sheath

TM2 PVC complies with EN 50363-4-1 standard

## Color of sheath

On customer's request

## Marking

SALCAVI SPA – ITALY IEMMEQU-HAR H05VVH2- F - CPR CLASS Eca - YEAR