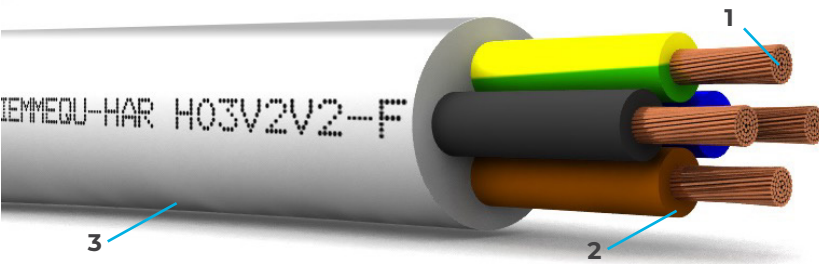
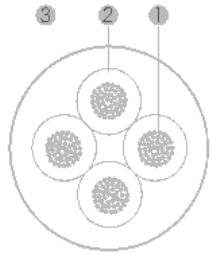


# Power cable H03V2V2-F



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



## APPLICATIONS



For household installations, for wiring of light portable devices that could be undergone to weak mechanical injuries (lamps, office machines, etc.). Suitable for all places where higher temperature is needed.

| 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            | 300/300 VAC                          | Flame resistance                | IEC 60332-1-2 CPR class Eca     |
| Suitable for indoor use   |                                      | Suitable for fixed installation |                                 |

| Size conductor<br>[ mm <sup>2</sup> ] | Conductor stranding<br>[ N° x mm ] | Electrical resistance<br>[ Ω / Km ] | Diameter on insulation<br>[ mm ] | Radial thickness of insulation<br>[ 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<br>[ mm <sup>2</sup> ] | Outer diameter<br>[ mm ] | Thickness of jacket<br>[ mm ] |
|---------------------------------------|--------------------------|-------------------------------|
| 2 x 0.50                              | 4.9 ± 0.2                | ≥ 0.60                        |
| 3 x 0.50                              | 5.1 ± 0.2                | ≥ 0.60                        |
| 4 x 0.50                              | 5.7 ± 0.2                | ≥ 0.60                        |
| 2 x 0.75                              | 5.3 ± 0.2                | ≥ 0.60                        |
| 3 x 0.75                              | 5.6 ± 0.2                | ≥ 0.60                        |
| 4 x 0.75                              | 6.3 ± 0.2                | ≥ 0.60                        |

## Standard reference

EN 50525-2-11, European Regulation 305/2011 ( CPR )  
IMQ-HAR certificate No. A2221, DoP No. 0020

## Stranding of conductor

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

## Insulation

TI3 PVC complies with EN 50363-3 standard, hardness : ( 91 ± 2 ) Sh-A

## Cable assembly

The inner cores are twisted together

## Color of insulation

In compliance with requirements of HD 308 S2 standard

## Outer sheath

The inner cores are twisted together

## Color of sheath

In compliance with requirements of HD 308 S2 standard

## Marking

Embossed marking : SALCAVI SPA ITALY - IEMMEQU <HAR> H03V2V2-F HT90°C - CPR CLASS Eca - YEAR