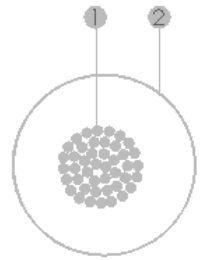


# PVC insulated single-core cable H05V2-K



1. Electrolytic bare or tinned flexible copper stranded conductor
2. T13 PVC insulation



## APPLICATIONS



The H05V2-K is used for the internal wiring of electrical appliances and lighting applications. It can be used in electronic appliances for measuring, regulating and controlling. The cables are also ideal for laying in pipes, and conduit installations. Suitable wherever higher heat resistance is requested.

| Technical Data            |                                      |                                 |                                |
|---------------------------|--------------------------------------|---------------------------------|--------------------------------|
| Temperature range         | - 20 ÷ 90 °C (@ fixed installation ) | Suitable for outdoor use        |                                |
| Short-circuit temperature | 160 °C                               | Suitable for fixed installation |                                |
| Rated voltage             | 300/500 V <sub>AC</sub>              | Bending radius                  | ≥ 6 x D (@ fixed installation) |
| Test voltage              | 2000 V <sub>AC</sub>                 | Flame resistance                | IEC 60332-1-2   CPR class Eca  |
|                           |                                      |                                 |                                |

| 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                              | ≤ 40.1 | 2.1 ± 0.1                        | ≥ 0.60                                   |
| 0.75                                  | 24 x 0.193                         | ≤ 26.0                              | ≤ 26.7 | 2.33 ± 0.1                       | ≥ 0.60                                   |
| 1                                     | 32 x 0.193                         | ≤ 19.5                              | ≤ 20.0 | 2.47 ± 0.1                       | ≥ 0.60                                   |

## Standard reference

EN 50525-2-31, European Regulation 305/2011 ( CPR )  
 IMQ-HAR approval No. A2165, DoP No. 0006

## Stranding of conductor

Class 5 electrolytic bare or tinned flexible stranded copper conductor, conforming to IEC 60228 requirements.

## Insulation

T13 PVC complies with EN 50363-3

## Color of insulation

In compliance with requirements of HD 308 S2 standard.

## Embossed marking

SALCAVI SPA ITALY - IEMMEQU <HAR> H05V2-K HT90°C - ANNO