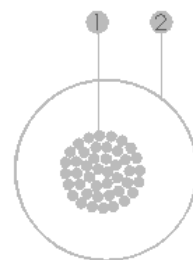


PVC insulated single-core cable H05V-K



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



APPLICATIONS



H05V-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.

Technical Data			
Temperature range	- 30 ÷ 70 °C (@ fixed installation)	Suitable for outdoor use	
Short-circuit temperature	160 °C	Suitable for fixed installation	
Rated voltage	300/500 V _{AC}	Bending radius	≥ 10 x D (@ fixed installation)
Test voltage	2000 V _{AC}	Flame resistance	IEC 60332-1-2 CPR class Eca

Size conductor [mm ²]	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	≤ 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. A0645, DoP No. 0004

Stranding of conductor

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

Insulation

TII PVC complies with EN 50363-3, hardness: (92 ± 2) Sh-A

Color of insulation

In compliance with requirements of HD 308 S2 standard.

Embossed marking

SALCAVI SPA ITALY - IEMMEQU <HAR> H05V-K - YEAR