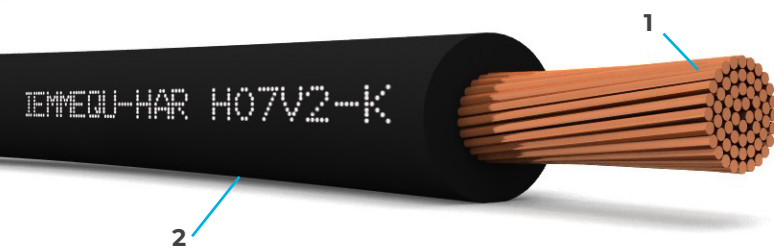
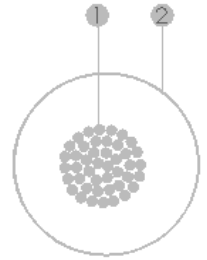


PVC insulated single-core cable H07V2-K



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



APPLICATIONS



These cables are intended for internal wiring for signal and control of equipments, for use in conduits or where cable is protected from mechanical damage. For fixed and protected installations, inside of apparatus or on lamp. Suitable wherever higher heat resistance is requested.

| Technical Data | | | |
|---------------------------|--------------------------------------|---------------------------------|----------------------------------|
| Temperature range | -20 ÷ 90 °C (@ fixed installation) | Suitable for indoor use | |
| Short-circuit temperature | 160 °C | Suitable for fixed installation | |
| Voltage rating | 450/750 VAC | Bending radius | ≥ 8 x D (@ fixed installation) |
| Test voltage | 2500 VAC | 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] |
|---------------------------------------|------------------------------------|-------------------------------------|---------|----------------------------------|--|
| 1.5 | 28 x 0.243 | ≤ 13.3 | ≤ 13.7 | 2.85 ± 0.1 | ≥ 0.7 |
| 2.5 | 48 x 0.243 | ≤ 7.98 | ≤ 8.21 | 3.6 ± 0.1 | ≥ 0.8 |
| 4 | 52 x 0.300 | ≤ 4.95 | ≤ 5.09 | 4.1 ± 0.1 | ≥ 0.8 |
| 6 | 80 x 0.300 | ≤ 3.30 | ≤ 3.39 | 4.85 ± 0.1 | ≥ 0.8 |
| 10 | 136 x 0.300 | ≤ 1.91 | ≤ 1.95 | 6.3 ± 0.1 | ≥ 1.0 |
| 16 | 210 x 0.300 | ≤ 1.21 | ≤ 1.24 | 7.2 ± 0.1 | ≥ 1.0 |
| 25 | 322 x 0.300 | ≤ 0.780 | ≤ 0.795 | 9.0 ± 0.2 | ≥ 1.2 |
| 35 | 455 x 0.300 | ≤ 0.554 | ≤ 0.565 | 10.2 ± 0.3 | ≥ 1.2 |

Standard reference

EN 50525-2-31, Low Voltage European Directive No. 2014/35/EU, European Regulation 305/2011 (CPR), DoP No. 0007. IMQ-HAR approval No. A2164.

Stranding of conductor

Class 5 flexible stranded conductor with electrolytic bare or tinned copper, complying with IEC 60228 requirements.

Insulation

T13 PVC complies with EN 50363-3 requirements.

Color of insulation

In compliance with requirements of HD 308 S2 standard.

Marking

Embossed marking : SALCAVI SPA ITALY - IEMMEQU <HAR> H07V2-K HT90°C - YEAR