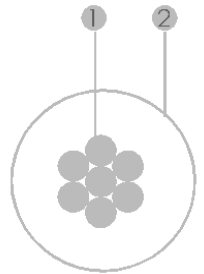


PVC insulated single-core cable H07V2-R



1. Electrolytic bare copper flexible rope conductor
2. T13 PVC insulation



APPLICATIONS



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 lamps. 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	≥ 9 x D (@ fixed installation)
Test voltage	2500 VAC	Flame resistance	IEC 60332-1-2

Size conductor [mm ²]	Conductor stranding [N° x mm]	Electrical resistance [Ω / Km]	Diameter on insulation [mm]	Radial thickness of insulation [mm]
1.5	7 x 0.53	≤ 12.1	3.0 ± 0.1	≥ 0.70
2.5	7 x 0.67	≤ 7.41	3.6 ± 0.1	≥ 0.80
4	7 x 0.85	≤ 4.61	4.1 ± 0.1	≥ 0.80
6	7 x 1.05	≤ 3.08	4.75 ± 0.1	≥ 0.80
10	7 x 1.32	≤ 1.83	6.2 ± 0.2	≥ 1.0
16	7 x 1.70	≤ 1.15	7.2 ± 0.2	≥ 1.0
25	7 x 2.08	≤ 0.727	8.8 ± 0.2	≥ 1.2
35	19 x 1.50	≤ 0.524	10.0 ± 0.2	≥ 1.2

Standard reference

EN 50525-2-31, Low Voltage European Directive No. 2014/35/EU
IMQ-HAR approval No. CA01.00539

Stranding of conductor

Class 2 electrolytic bare copper flexible rope conductor, conforming to IEC 60228 requirements

Insulation

T13 PVC conforming to standard EN 50363-3

Color of insulation

In compliance with requirements of HD 308 S2 standard.

Marking

SALCAVI TECHNIC SPA ITALY - IEMMEQU <HAR> H07V2-R 1XSEC mm² HT90°C - SS/AA