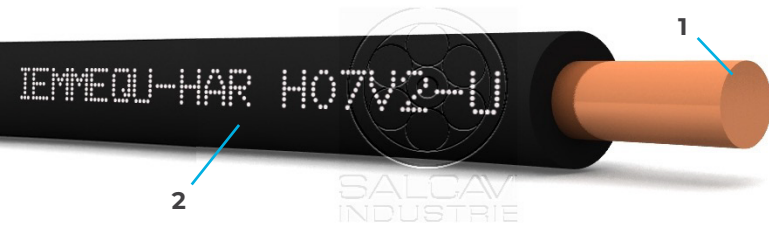
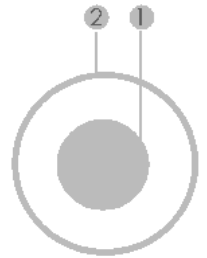


PVC insulated single-core cable H07V2-U



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



APPLICATIONS



It is suitable for fixed and protected installation inside lighting equipment e command devices for grounding voltage up to 1000 V in alternate current or 750 V in direct current. The installation inside tubes placed on surface or buried or closed systems is permitted provided that the maximum temperature during the normal use doesn't exceed 90 °C. It's optimized for BJB automatic machinery processing.

Technical Data			
Temperature range	-20 ÷ 90 °C (@ fixed installation)	Flame resistance	IEC 60332-1-2
Short-circuit temperature	160 °C	Suitable for indoor use	
Voltage rating	450/750 VAC	Suitable for fixed installation	
Test voltage	2500 VAC	Bending radius	≥ 15 x D (@ fixed installation)

Size conductor [mm ²]	Conductor stranding [N° x mm]	Electrical resistance [Ω / Km]		Diameter on insulation [mm]	Radial thickness of insulation [mm]
1.5	1 x 1.35	≤ 12.1	≤ 12.1	2.8 ± 0.1	≥ 0.7
2.5	1 x 1.75	≤ 7.41	≤ 7.56	3.45 ± 0.1	≥ 0.8
4	1 x 2.20	≤ 4.61	≤ 4.70	3.9 ± 0.1	≥ 0.8
6	1 x 2.70	≤ 3.08	≤ 3.11	4.4 ± 0.1	≥ 0.8
10	1 x 3.50	≤ 1.83	≤ 1.84	5.6 ± 0.1	≥ 1.0

Standard reference

EN 50525-2-31, Low Voltage European Directive No. 2014/35/EU
IMQ-HAR approval No. A2164

Stranding of conductor

Electrolytic bare or tinned copper Class 1 solid conductor, conforming to IEC 60228 requirements.
Etched conductor in order to guarantee the adhesion of insulation.

Insulation

T13 type PVC conforming to EN 50363-3, hardness : (97 ± 2) Sh-A

Color of insulation

In compliance with requirements of HD 308 S2 standard.

Marking

SALCAVI SPA ITALY - IEMMEQU <HAR> H07V2-U HT90°C - YEAR