

# H07V-U

PVC insulated wires, solid

## DESIGN



- 1 | Copper conductor, solid wire (-U)
- 2 | Core insulation (PVC)

## APPLICATION

Conductors are designed for fixed installation as interconnecting conductors in dry environment, in pipelines, under the plaster, in devices and switchboards.

## TECHNICAL DATA



**Standard:**  
ČSN EN 50525-2-31



**Rated voltage:**  
450/750 V



**Test voltage:**  
2.5 kV / 50 Hz



**Temperature range:**  
 laying temperature: min. 5 °C  
 operating temperature: -30 °C up to 70 °C  
 conductor temperature: max. 70 °C  
 short circuit temperature: max. 160 °C/5 s



**Bending radius (min.):**  
fixed: 4 x Ø of wire



**Core identification:**  
According to EN 50525-1: CR, SM, MD, HA, SE, OR, RZ, RA, TY, FI, BA, ZZ



**Fire properties:**  
EN 60332-1-2: self-extinguishing  
CPR classification: E<sub>ca</sub>



**Certificate:**  
EZÚ Czech Republic  
ÖVE Austria  
LCIE France

Nominal cross-section (mm <sup>2</sup> )	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths / packing
<b>H07V-U</b>				
1.5	12.1	2.7	19	100 R
2.5	7.41	3.3	30	100 R
4	4.61	3.7	43	100 R
6	3.08	4.2	61	100 R
10	1.83	5.6	106	100 R
16	1.15	6.5	160	100 R

Technical changes reserved. All figures are therefore without guarantee.