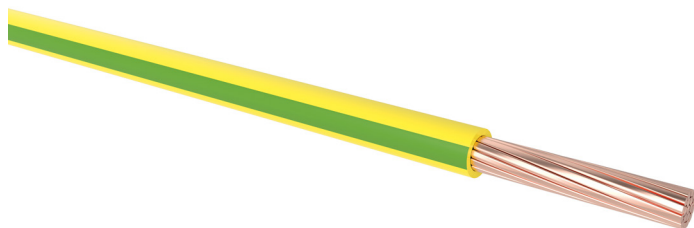


H07V-R

PVC insulated wires, solid

DESIGN



- 1 | Copper conductor, stranded wire (-R)
- 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.):
 4 x Ø up to 16 mm
 5 x Ø from 25 mm up to 50 mm
 6 x Ø over 50 mm



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_{ca}



Certificate:
 ÖVE Austria
 EZÚ Czech Republic

Nominal cross-section (mm ²)	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths / packing
H07V-R				
6	3.08	4.4	64	100 R, 500 D, 1000 D
10	1.83	5.9	109	100 R, 500 D, 1000 D
16	1.15	6.8	164	100 R, 500 D, 1000 D
25	0.727	8.5	256	100 R, 500 D, 1000 D
35	0.524	9.7	346	100 R, 500 D, 1000 D
50	0.387	11.3	469	100 R, 500 D, 1000 D
70	0.268	12.9	660	500 D, 1000 D
95	0.193	15.0	912	500 D, 1000 D
120	0.153	16.5	1133	500 D, 1000 D
150	0.124	18.1	1401	500 D, 1000 D
185	0.0991	20.6	1751	500 D, 1000 D
240	0.0754	23.4	2291	500 D, 1000 D
300	0.0601	26.1	2866	500 D, 1000 D

Technical changes reserved. All figures are therefore without guarantee.