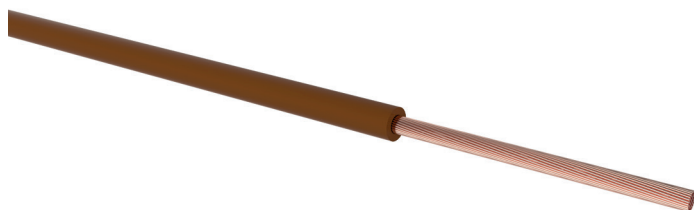


H07V-K

PVC insulated wire

DESIGN



- 1 | Bare copper conductors, fine wires class 5 according to DIN EN 60228 / VDE 0295 / IEC 60228
- 2 | Core insulation of special compound based on polyvinyl chloride (PVC)

APPLICATION

PVC insulated wires for fixed and protected installations, for internal wiring of equipment and lightings, for signalling and control circuits.

TECHNICAL DATA



Standard:
EN 50525-2-31



Rated voltage:
450/750 V (U₀/U)



Test voltage:
2500 V



Temperature range:
fixed installation: -30 °C up to 70 °C
flexible use: -5 °C up to 70 °C
laying temperature: min. 5 °C



Bending radius (min.):
fixed installation: 3 x Ø up to 12 mm
4 x Ø over 12 mm
flexible use: 5 x Ø up to 12 mm
6 x Ø over 12 mm



Core identification:
according to EN 50525-1 - black, white, blue, brown, red, orange, violet, pink, green/yellow, yellow, green, grey



Fire properties:
EN 60332-1-2: self-extinguishing and flame retardant
CPR classification: E_{ca}

Number of cores x nominal cross-section (mm ²)	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.
H07V-K			
1 x 1.5	2.8	14.4	19
1 x 2.5	3.5	24.0	30
1 x 4	4.0	38.0	44
1 x 6	5.0	58.0	66
1 x 10	6.7	96.0	107
1 x 16	7.6	154.0	161
1 x 25	8.1	240.0	290
1 x 35	9.2	336.0	380
1 x 50	11.6	480.0	550
1 x 70	13.4	672.0	716
1 x 95	15.5	912.0	976
1 x 120	17.1	1152.0	1214
1 x 150	22.0	1440.0	1530
1 x 185	25.0	1776.0	1900
1 x 240	28.0	2304.0	2450

Technical changes reserved. All figures are therefore without guarantee.

14.1.2022, 14:58