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PVC AND RUBBER CABLES AND WIRES

H07V-U (Ye)

PVC Insulated wire, single core



TECHNICAL DATA



Standard
EN 50525-2-31



Rated Voltage
450/750 V (U₀/U)



Test Voltage
2.5 kV / 50 Hz



Bending radius (min.)
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: flame retardant and self-
extinguishing
OPR Classification: Eca



Certificate
EZÚ Czech Republic
ÖVE Austria



Temperature range
Laying temperature: min. 5°C
Operating temperature: -5°C up to 70°C
Conductor temperature: max. 70°C
Short circuit temperature: max. 160°C

DESIGN



Copper conductor, round solid (RE) -U



Core insulation (PVC)

Nominal cross-section (mm ²)	Max. conductor resistance (Ω/km)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
1.5	12.1	2.8	20
2.5	7.41	3.3	30
4	4.61	3.7	43
6	3.08	4.2	61
10	1.83	5.6	106
16	1.15	6.5	160

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