We Make Modern
Life Possible.



PVC AND RUBBER CABLES AND WIRES

H07V-R (Ym)

PVC insulated wires, stranded

For fixed installation in conduits on or under plaster. Suitable for protected installation in and on lighting facilities or control devices for voltages up to 750 V AC or 1000 V DC against ground.

TECHNICAL DATA

Standard
EN 50525-2-31

Certificate
EZÚ Czech Republic
ÖVE Austria

Test Voltage
2.5 kV / 50 Hz

Rated Voltage
450/750 V (Uo/U)

Bending radius (min.)
4 x Ø up to 8 mm
5 x Ø 8 up to 12 mm
6 x Ø over 12 mm

Fire properties
EN 60332-1-2: flame retardant and self-extinguishing
CPR Classification: Eca

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

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



1. Copper conductor, round stranded (RM) -U
2. Core insulation (PVC)

Nominal cross-section (mm²)	Max. conductor resistance (Ω/km)	Current rating in the air (A)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
6	3.08	59	4.4	64
10	1.83	81	6.0	120
16	1.15	107	6.8	164
25	0.727	144	8.5	256
35	0.524	176	9.7	346
50	0.387	214	11.3	469
70	0.268	270	12.9	660
95	0.193	334	15.0	912
120	0.153	389	16.5	1133
150	0.124	446	18.1	1401
185	0.099	516	20.6	1751
240	0.075	618	23.4	2291
300	0.060	711	26.1	2866

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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