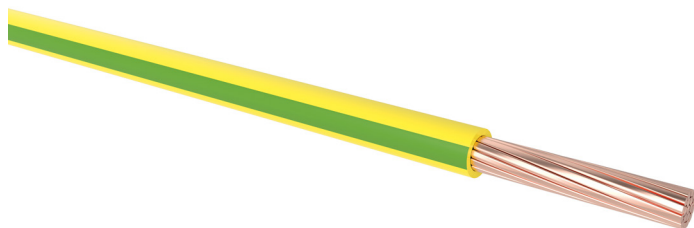


H07V-R (Ym)

PVC insulated wire, stranded

DESIGN



- 1 | Copper conductor, stranded wire (-R)
- 2 | Core insulation (PVC)

APPLICATION

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



Rated voltage:
450/750 V (U_o/U)



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 8 mm
5 x Ø up to 12 mm
6 x Ø over 12 mm



Core identification:
according to EN 50525-1: black (bk), brown (bn), red (rd), orange (og), yellow (ye), green (gn), blue (bu), violet (vt), grey (gy), white (wh), pink (pk), green-yellow (gnye)



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

Nominal cross-section (mm ²)	Core colours	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/packing (m)
H07V-R (Ym)					
6	bk, bu, gnye	3.08	4.4	64	100 R, 500 Sp
10	bk, bn, bu, gnye	1.83	6.0	120	100 R, 500 Sp
16	bk, bn, bu, gnye	1.15	6.9	170	100 R, 500 Sp
25	bk, bn, bu, gnye	0.727	8.9	270	100 R, 500 Sp
35	bk, bn, bu, gnye	0.524	9.8	370	500 Sp, 1000 Sp
50	bk, bu, gnye	0.387	11.2	515	500 Sp, 1000 Sp
70	bk, bu, gnye	0.268	13.3	710	500 D, 1000 D
95	bk, gnye	0.193	15.0	955	500 D, 1000 D
120	bk, bu, gnye	0.153	16.6	1205	500 D, 1000 D
150	bk, gnye	0.124	18.0	1480	500 D, 1000 D
185	bk, gnye	0.0991	21.4	1741	500 D, 1000 D
240	bk, gnye	0.0754	24.4	2278	500 D, 1000 D
300	bk, gnye	0.0601	27.1	3050	500 D, 1000 D

Technical changes reserved. All figures are therefore without guarantee.

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