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PVC AND RUBBER CABLES AND WIRES

H07V-K (Yf)

PVC insulated wire, fine core

For fixed installation in conduits on or under plaster. Suitable for protected installation.

TECHNICAL DATA

Standard
EN 50525-2-31

Certificate
EZÚ Tschechische Republik
ÖVE Österreich

Test Voltage
2.5 kV

Rated Voltage
450/750 V (Uo/U)

Bending radius (min.)
4 x Ø of wire

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

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)

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

DESIGN



Nominal cross-section (mm^2)	Core colours	Max. conductor resistance (Ω/km)	Outer diameter appr. (mm)	Total weight appr. (kg/km)	Standard lengths/packing (m)
1.5	bk, bn, bu, gnye	13.3	3.1	21	100 R
2.5	sw, br, bl, gnge	7.98	3.8	33	100R
4	bk, bn, bu, gnye	4.95	4.4	48	100 R, 500 SP
6	bk, bn, bu, gnye	3.3	4.9	66	100 R, 500 SP
10	bk, bn, bu, gnye	1.91	6.4	112	100 R, 500 SP
16	bk, bn, bu, gnye	1.21	7.4	167	100 R, 500 SP
25	bk, bn, bu, gnye	0.78	9.1	254	100 R, 500 SP
35	bk, bu, gnye	0.554	10.4	340	100 R, 500 SP
50	bk, bu, gnye	0.386	12.4	485	500 D, 1000 D
70	bk, bu, gnye	0.272	1.6	674	500 D, 1000 D
95	bk, gnye	0.206	15.8	894	500 D, 1000 D
120	bk, gnye	0.161	17.4	1110	500 D, 1000 D
150	bk, gnye	0.129	19.8	1400	500 D, 1000 D
185	bk, gnye	0.106	21.6	1700	500 D, 1000 D
240	bk, gnye	0.080	24.6	2230	500 D, 1000 D

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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