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# H07V-K (Yf)

PVC insulated wire, fine core

HARMONISED INSULATED WIRES

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



## TECHNICAL DATA



**Standard**  
EN 50525-2-31



**Test Voltage**  
2.5 kV



**Rated Voltage**  
450/750 V (U<sub>0</sub>/U)



**Bending radius (min.)**  
4 x  $\varnothing$  of wire



**Fire properties**  
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 <sup>2</sup> )	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, gnye	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

**CONTACT PERSON**

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