



# H05V-K

## PVC insulated wire

### INSTALLATION AND HARMONISED CABLES AND WIRES

PVC insulated wires for fixed and protected installations, for internal wiring of equipment and lightings, for signalling and control circuits.



### TECHNICAL DATA



**Standard**  
EN 50525-2-31



**Test Voltage**  
2000 V



**Rated Voltage**  
300/500 V (U<sub>o</sub>/U)



**Bending radius (min.)**  
Fixed installation: 3 x  $\phi$  of cable  
Flexible use: 5 x  $\phi$  of cable



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

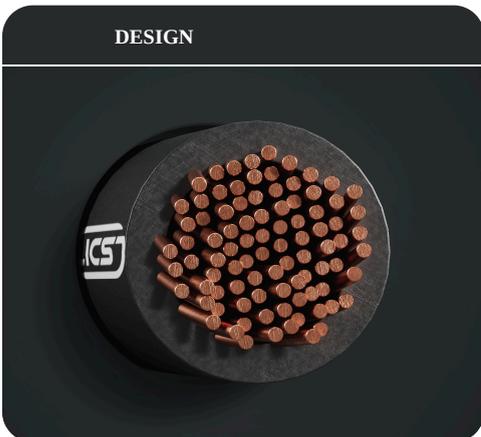


**Core identification**  
According to EN 50525-1 - black, white, blue, brown, red, orange, violet, pink, green/yellow, yellow, green, grey



**Temperature range**  
Laying temperature: min. 5°C  
Fixed installation: -30°C up to 70°C  
Flexible use: -5°C up to 70°C

### DESIGN



- 1 Bare copper conductors, fine wires class 5 according to DIN EN 60228 / VDE 0295 / IEC 60228
- 2 Core insulation of special compound based on polyvinyl chloride (PVC)

Number of cores x nominal cross-section (mm <sup>2</sup> )	Outer diameter appr. (mm)	Cu-value (kg/km)	Total weight appr. (kg/km)
1 x 0.5	2.0	4.8	8
1 x 0.75	2.2	7.2	11
1 x 1	2.4	9.6	13

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