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PVC AND RUBBER CABLES AND WIRES

# H05V-K

PVC insulated wire



## TECHNICAL DATA



**Standard**  
EN 50525-2-31



**Test Voltage**  
2000 V



**Rated Voltage**  
300/500 V (U<sub>0</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

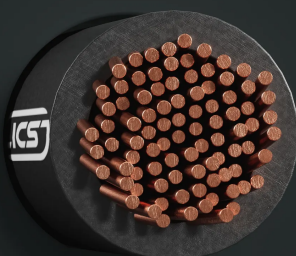


**Core identification**  
According to EN 50525-1 – black, white, blue, brown, red, orange, violet, pink, green/yellow, yellow, green, grey



**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 (mm²) | 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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