

INSTALLATION AND HARMONISED CABLES AND WIRES

H05V-K

PVC insulated wire



TECHNICAL DATA



Standard
EN 50525-2-31



Test Voltage
2000 V



Rated Voltage
300/500 V (U₀/U)



Bending radius (min.)
Fixed installation: 3 x ϕ of cable
Flexible use: 5 x ϕ 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)

PARAMETERS

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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