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PVC AND RUBBER CABLES AND WIRES

H05V-K

PVC insulated wire

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 (Uo/U)

Bending radius (min.)
Fixed installation: 3 x Ø of cable
Flexible use: 5 x Ø 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^2)	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

Technical changes reserved. All figures are therefore without guarantee.

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