KONEKA

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H05V-K

PVC insulated wire

INSTALATION 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 (Uo/U)

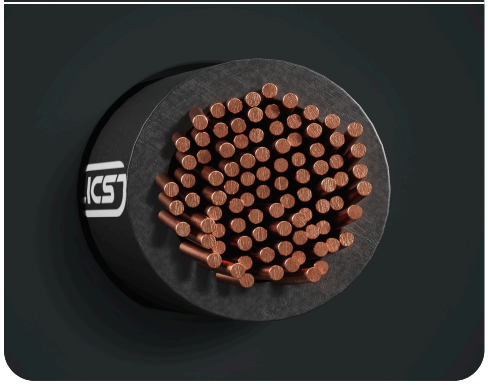
Bending radius (min.)
Fixed installation: 3 x Ø of cable
Flexible use: 5 x Ø of cable

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)

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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

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