



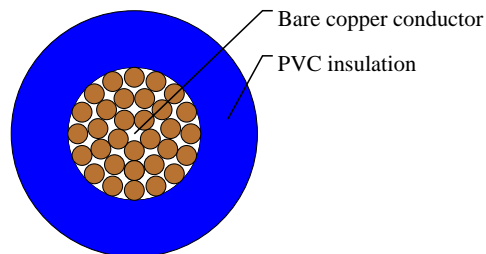
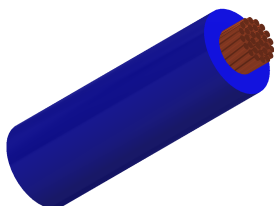
# Caledonian

Industrial Cables (French Standard)

[www.caledonian-cables.com](http://www.caledonian-cables.com)

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## H05V-K



## APPLICATIONS

These insulated wires are determined for installation to the inside of apparatus as well as for the protective laying to the lightings, in dry rooms, in production facilities, switch and distributors boards, in tubes, under and surface mounting of plasters.

## STANDARDS

NF C 32-201-3

ROHS compliant

## VOLTAGE RATING

300/500V

## CABLE CONSTRUCTION

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Class-5
- Special PVC TI1 core insulation
- Cores to VDE-0293 colors on chart

## COLOUR CODE

Insulation Colour Code

Colour coded to VDE 0293-308/HD308/NF C 32-081

Single core - Black, Blue, Green/Yellow, Red, Yellow, White, Violet, Brown, Grey, Orange, Pink

## PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 2000 volts
- Flexing bending radius:  $12.5 \times \varnothing$
- Static bending radius:  $12.5 \times \varnothing$
- Flexing temperature:  $-5^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$
- Static temperature:  $-30^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$
- Flame retardant: NF C 32-070
- Insulation resistance:  $10\text{ M}\Omega \times \text{km}$

## DIMENSION AND PARAMETERS



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| No. of Cores<br>× Cross-<br>sectional Area | AWG Size  | Nominal<br>Insulation<br>Thickness | Approx. Overall<br>Diameter | Nominal<br>Copper Weight | Approx. Weight |
|--|-----------|------------------------------------|-----------------------------|--------------------------|----------------|
| No.×mm <sup>2</sup>                        |           | mm                                 | mm                          | kg/km                    | kg/km          |
| 1 x 1                                      | 17(32/32) | 0.6                                | 2.6                         | 9.6                      | 15             |