



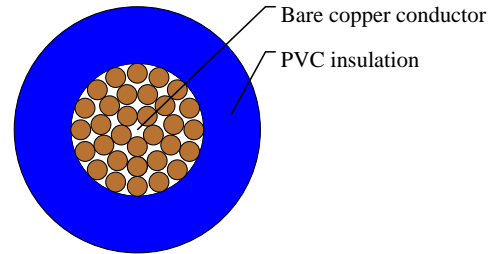
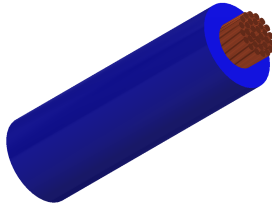
# Caledonian

Industrial Cables (German Standard)

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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

HD 21.3 S3

VDE-0281 Part-3

## VOLTAGE RATING

300/500V

## CABLE CONSTRUCTION

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Class-5
- Special PVC T11 core insulation

## COLOUR CODE

Insulation Colour Code

Colour coded to VDE 0293

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: IEC 60332.1
- Insulation resistance:  $10 \text{ M}\Omega \times \text{km}$

## DIMENSION AND PARAMETERS



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No. of Cores × Cross- sectional Area	AWG Size	Nominal Insulation Thickness	Approx. Overall Diameter	Nominal 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