



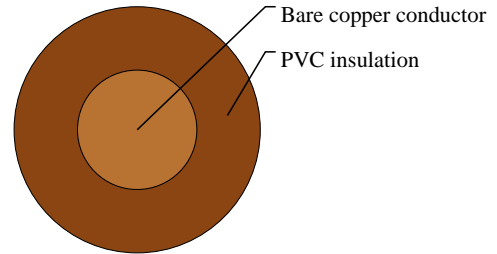
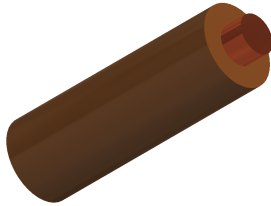
# Caledonian

Industrial Cables (German Standard)

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

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## H05V-U



## APPLICATIONS

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

## STANDARDS

HD 21.3 S3

VDE-0281 Part-3

## VOLTAGE RATING

300/500V

## CABLE CONSTRUCTION

- Solid bare copper single wire
- Solid to DIN VDE 0295 cl-1 and IEC 60228 cl-1
- 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: 2000V
- Flexing bending radius:  $15 \times \varnothing$
- Static bending radius:  $15 \times \varnothing$
- Flexing temperature:  $-5^{\circ} \text{C}$  to  $+70^{\circ} \text{C}$
- Static temperature:  $-30^{\circ} \text{C}$  to  $+90^{\circ} \text{C}$
- Short circuit temperature:  $+160^{\circ} \text{C}$
- 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	0.6	2.4	9.6	14