



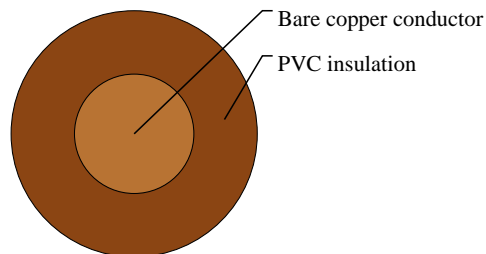
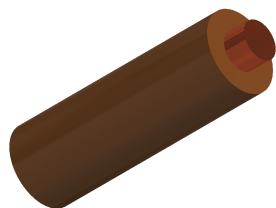
Caledonian

Industrial Cables (Italian Standard)

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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

CEI 20-35

CEI 20-52

CEI20-20/3

HD 21.3 S3

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 TI1 core insulation
- Cores to VDE-0293 colors on chart

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°C to $+70^{\circ}\text{C}$
- Static temperature: -30°C to $+90^{\circ}\text{C}$
- Short circuit temperature: $+160^{\circ}\text{C}$
- Flame retardant: IEC 60332.1



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- Insulation resistance: 10 MΩ x km

DIMENSION AND PARAMETERS

No. of Cores × Cross- sectional Area	AWG Size	Nominal Insulation Thickness	Approx. Overall Diameter	Nominal Copper Weight	Approx. Weight
No. × mm ²		mm	mm	kg/km	kg/km
1 x 1	17	0.6	2.4	9.6	14