



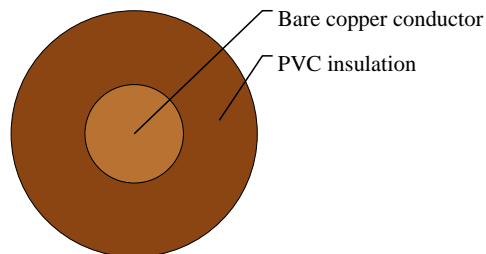
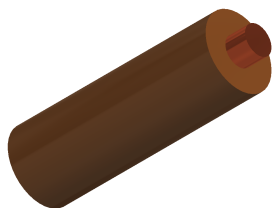
Caledonian

Industrial Cables (Portuguese Standard)

www.caledonian-cables.com

marketing@caledonian-cables.com

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

NP 2356/3

VOLTAGE RATING

300/500V

CABLE CONSTRUCTION

- Solid bare copper single wire
- Solid to DIN VDE 0295 cl-1 and NP 2363 cl-1
- Special PVC T11 core insulation

COLOUR CODE

Insulation Colour Code

Color coded to HD 308

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

PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 2000V
- 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
- Insulation resistance: $100\text{ M}\Omega \times \text{km}$

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 ²		mm	mm	kg/km	kg/km
1 x 0.5	20	0.6	2.1	4.8	9