



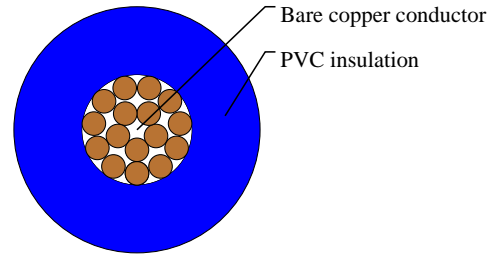
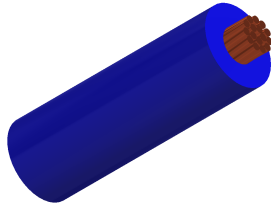
Caledonian

Industrial Cables (Italian 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

CEI 20-20/3

CEI 20-35 (EN60332-1)

HD 21.3 S3

CEI 20-52

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
- Cores to VDE-0293 colors on chart

COLOUR CODE

Insulation Colour Code

Colour coded to VDE 0293-308

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°C to $+70^{\circ}\text{C}$
- Static temperature: -30°C to $+80^{\circ}\text{C}$
- Flame retardant: IEC 60332.1
- Insulation resistance: $10\text{ M}\Omega \times \text{km}$



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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 0.5	20(16/32)	0.6	2.1	4.9	10