



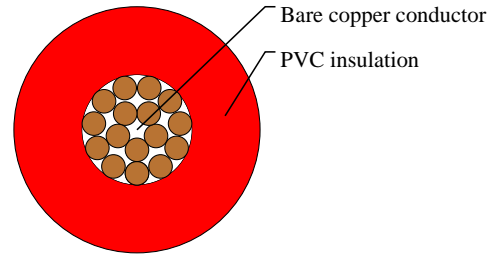
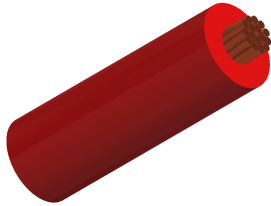
Caledonian

Industrial Cables (Harmonized code)

www.caledonian-cables.com

marketing@caledonian-cables.com

H05V2-K



APPLICATIONS

These special heat-resistant flexible single-conductor hook-up wires are ideal for use in power current installation, switch cabinets, motors and transformers which are subject to direct contact with high temperature (e.g. varnishing machines and drying towers etc.). These are also suitable for inside wiring of electrical equipments such as lighting and heating apparatus.

STANDARDS

<HAR> HD 21.7 S2

CEI 20-20

CEI 20-52

VDE-0281 Part-7

CE Low Voltage Directive 73/23/EEC and 93/68/EEC

ROHS compliant

VOLTAGE RATING

300/500V

CABLE CONSTRUCTION

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Class-5, BS 6360 cl. 5 and HD 383
- Special heat resistant PVC TI3 core insulation to DIN VDE 0281 part 7
- Cores to VDE-0293 colors

COLOUR CODE

Insulation Colour Code

Colour coded to VDE 0293 colors

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

PHYSICAL AND THERMAL PROPERTIES

- Working voltage: - Test voltage: 2000 volts
- Flexing bending radius: 10-15 x Ø
- Static bending radius: 10-15 x Ø
- Flexing temperature: +5° C to +90° C



Caledonian

Industrial Cables (Harmonized code)

www.caledonian-cables.com

marketing@caledonian-cables.com

- Static temperature: -10° C to +105° C
- Short circuit temperature: +160° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 20 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 0.5	20(16/32)	0.6	2.5	4.8	8.7