



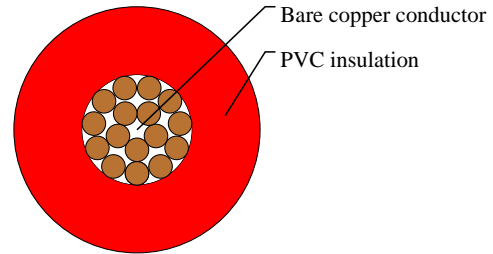
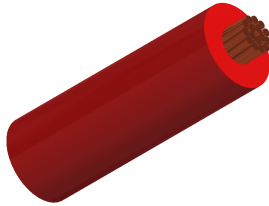
Caledonian

Industrial Cables (French Standard)

www.caledonian-cables.com

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H05V-K UL



APPLICATIONS

H05VK UL are internationally approved harmonized, UL/CSA and AWM/MTW approved PVC European flexible single-conductor wires. Can be found in appliance wiring and machine tool wiring as well as in control systems. They may also be used in pipes and flexible conduits. Recommended for the internal wiring of apparatus, switchboards and distributor boards in electronic and electrical equipment designed for international use in North American & European countries and for MRO replacement of international made equipment wire.

STANDARDS

NF C 32-201-7, HD 21.7 S2, VDE-0281 Part-3

UL-Standard and Approval 1063 MTW

UL-AWM Style 1015

CSA TEW

CSA-AWM I A/B

FT-1

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

ROHS compliant

VOLTAGE RATING

300/500V

CABLE CONSTRUCTION

- Fine tinned copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Class-5, HD383 Class-5
- Special PVC TI3 core insulation
- Cores to VDE-0293 colors

COLOUR CODE

Insulation Colour Code

Colour coded to VDE 0293-308/HD308/NF C 32-081

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

PHYSICAL AND THERMAL PROPERTIES



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- Test voltage: 2500 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: NF C 32-070
- Insulation resistance: $10\text{ M}\Omega \times \text{km}$

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 × 0.5	20(16/32)	0.6	2.5	4.9	11