



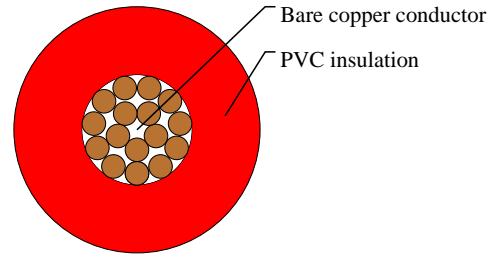
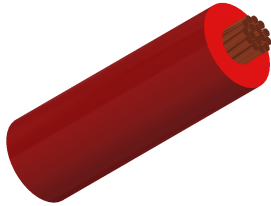
Caledonian

Industrial Cables (German 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

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

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

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

- Working voltage UL/CSA: 600v AC, 750v DC.
- Test voltage: 2500 volts
- Flexing/Static bending radius: 10-15 x Ø



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- Temperature HAR/IEC: -40° to +70° C
- Temperature UL-AWM: -40° to +105° C
- Temperature UL-MTW: -40° C to +90° C
- Temperature CSA-TEW: -40° C to +105° C
- Flame retardant: IEC 60332.1, FT-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	4.9	11