



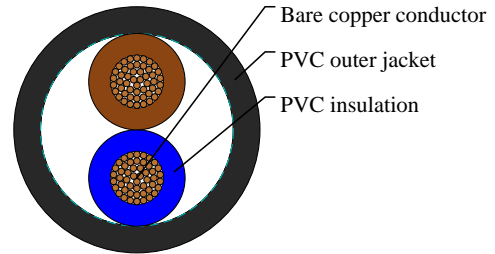
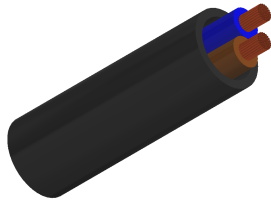
# Caledonian

Industrial Cables (German Standard)

[www.caledonian-cables.com](http://www.caledonian-cables.com)

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## H05VV-F/SJT



## APPLICATIONS

These cables are suited to be used for cooking and heating apparatus under the condition that cable does not come in direct contact with hot parts of the apparatus and no other influences or heat. The cables are suitable for fixed installation in furniture, partition walls, decoration covering and in hollow spaces of prefabricated building parts. They are not suitable for use in open air, in industries (also permitted to tailor workshops and of that kind) and in agriculture plants and for connecting commercial electrical tools.

## STANDARDS

HD 21.5 S3

VDE-0281 Part-5 & Part-2

UL Style 62 (SJT)

VW-1

CSA 22.2 No 49

FT-1

IEC 60227-5

ROHS compliant

## VOLTAGE RATING

300/500V

## CABLE CONSTRUCTION

- Bare copper fine wire conductor
- Stranded to DIN VDE 0295 cl. 5, BS 6360 cl. 5, IEC 60228 cl. 5 and HD 383
- PVC core insulation T12 to VDE-0281 Part 1
- Green-yellow grounding (3 conductors and above)
- PVC outer jacket TM2

## COLOUR CODE

Insulation Colour Code

Colour coded to VDE 0293-308

2 cores (G) - Brown + Blue

## PHYSICAL AND THERMAL PROPERTIES



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- Working Voltage UL/CSA: 300 volts
- Test voltage: 2000 volts
- Flexing bending radius:  $7.5 \times \varnothing$
- Static bending radius:  $4 \times \varnothing$
- Flexing temperature:  $-5^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$
- Static temperature:  $-40^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$
- Flame retardant: IEC 60332.1, VW-1
- Insulation resistance:  $20\text{ M}\Omega \times \text{km}$

### DIMENSION AND PARAMETERS

No. of Cores × Cross- sectional Area	AWG Size	Nominal Insulation Thickness	Nominal Sheath Thickness	Approx. Overall Diameter	Nominal Copper Weight	Approx. Weight
No. × mm <sup>2</sup>		mm	mm	mm	kg/km	kg/km
2×2.5	14(50/30)	0.8	1.0	9.2	48	118