



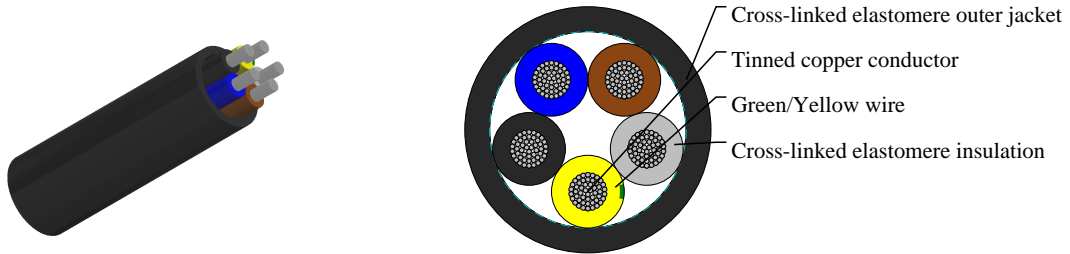
# Caledonian

Industrial Cables (German Standard)

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

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## H05GG-F



## APPLICATIONS

For general use in domestic premises, kitchens and offices and for supplying appliances where the cables are subjected to low mechanical stresses. Also for low temperature uses. (eg., cooking appliances, soldering irons, toasters)

## STANDARDS

HD 22.11 S1

VDE 0282 part 11

## VOLTAGE RATING

300/500V

## CABLE CONSTRUCTION

- Fine tinned copper strands
- Strands to VDE-0295 Class-5, IEC 60228 CI-5
- Cross-linked elastomere E13 insulation
- Cross-linked elastomere EM 9 outer jacket - black

## COLOUR CODE

Insulation Colour Code

Colour coded to VDE 0293-308

5 cores (G) - Green-Yellow + Blue + Brown + Black + Grey

## PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 2000V
- Flexing bending radius:  $4 \times \varnothing$
- Static bending radius:  $3 \times \varnothing$
- Temperature range:  $-15^{\circ}\text{C}$  to  $+110^{\circ}\text{C}$
- Short circuit temperature:  $200^{\circ}\text{C}$
- Flame retardant: IEC 60332 -1
- Halogen-free: IEC 60754-1
- Low smoke: IEC 60754-2
- Smoke density: IEC 61034



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## DIMENSION AND PARAMETERS

No. of Cores × Cross- sectional Area	AWG Size	Nominal Insulation Thickness	Nominal Sheath Thickness	Approx. Overall Diameter	Approx. Weight
No. × mm <sup>2</sup>		mm	mm	mm	kg/km
5x2.5	14(50/30)	0.9	1.3	12.8	255