Caledonian

Industrial Cables (German Standard)

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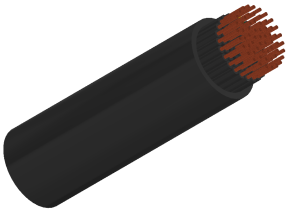
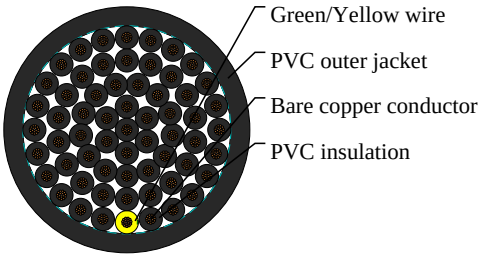
H05VV5-F





APPLICATIONS

These cables are suitable for dry, damp and wet locations but not in the open-air. They are used as screened termination and connection cable in the control, measuring and signal technology. The copper braiding optimises protection against external interferences, like electromagnetic fields and stray frequencies. Suitable as a signal and impulse cable for control and inspection of industrial plants, machinery and working processes.

STANDARDS

HD 21.13 S1
VDE-0281 Part-13
EN 60332-1

VOLTAGE RATING

300/500V

CABLE CONSTRUCTION

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Class-5
- PVC insulation T12 to DIN VDE 0281 part 1
- Green-yellow grounding (3 conductors and above)
- PVC sheath TM5 to DIN VDE 0281 part 1

COLOUR CODE

Insulation Colour Code
Colour coded to VDE 0293
- Green-Yellow + Black numbered

PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 2000volts
- Flexing bending radius: 7.5 x Ø
- Static bending radius: 4 x Ø
- Flexing temperature: -5º C to +70º C
- Static temperature: -40º C to +70º C

- Short circuit Temperature: +150º 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	Nominal Sheath Thickness	Approx. Overall Diameter	Nominal Copper Weight	Approx. Weight
No.×mm²		mm	mm	mm	kg/km	kg/km
61x0.5	20(16/32)	0.6	1.8	23.1	293	780