Caledonian

Industrial Cables (French Standard)

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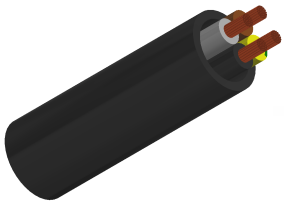
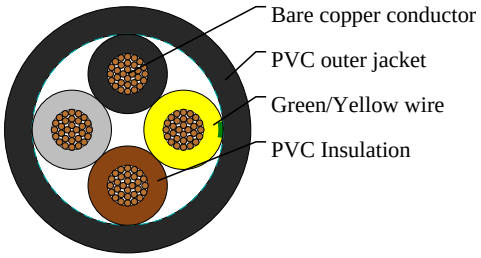
H05V2V2-F





APPLICATIONS

These cables are suitable for domestic premises, kitchen, office for light service or light portable apparatuses. With their special insulation and sheath compounds these cables are adapt for apparatus in kitchen and heating and for use in zones with high temperature (like lighting system apparatuses) without contact with warm parts and radiations. Unsuitable for outdoor use, in industrial and agricultural buildings or non-domestic portable tools. The maximum conductor temperature in normal use: 90°C.While high temperature use, skin contact must be avoided

STANDARDS

NF C 32-201-12

VOLTAGE RATING

300/500V

CABLE CONSTRUCTION

- Bare copper fine wire conductor
- Stranded to DIN VDE 0295 cl. 5, IEC 60228 cl. 5 and HD 383
- PVC core insulation T13 to VDE-0281 Part 1
- Green-yellow grounding (3 conductors and above)
- Color coded to VDE-0293-308
- PVC outer jacket TM3

COLOUR CODE

Insulation Colour Code
Colour coded to VDE 0293-308/HD308/NF C 32-081
4 cores (G) - Green-Yellow + Brown + Black + Grey

PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 2000 volts
- Flexing bending radius: 15 x Ø
- Static bending radius: 4 x Ø
- Flexing temperature: +5º C to +90º C
- Static temperature: -40º C to +90º C

- Short circuit temperature: +160º C
- Flame retardant: NF C 32-070
- 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
4x1.50	16(30/30)	0.7	1.0	9	58	131.7