Caledonian

Industrial Cables (French Standard)

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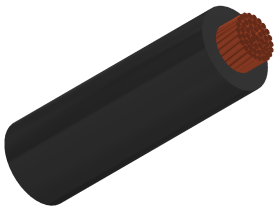
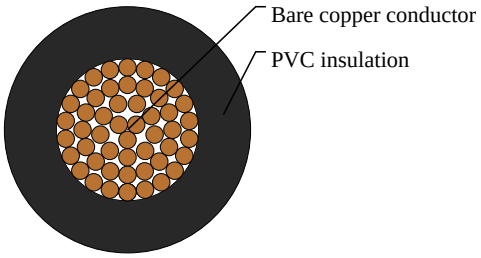
H07V-K





APPLICATIONS

These are not suitable to be installed for laying in tubes, under and surface mounting of plaster and also in closed installation conduits. These are not allowed to install for direct laying on cable trays, channel or tanks. These types are permitted for the inner wiring of equipment, distributor and switchboards and also for protective laying to the lightings with a nominal voltage up to 1000 V alternating current or up to 750 V direct current against earth.

STANDARDS

NF C 32-201-3
ROHS compliant

VOLTAGE RATING

450/750V

CABLE CONSTRUCTION

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Class-5
- Special PVC TI1 core insulation
- Cores to VDE-0293 colors on chart

COLOUR CODE

Insulation Colour Code
Colour coded to VDE 0293-308/HD308/NF C 32-081
Single core - Black, Blue, Green/Yellow, Red, Yellow, White, Violet, Brown, Grey, Orange, Pink

PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 2500 volts
- Flexing bending radius: 12.5 x Ø
- Static bending radius: 12.5 x Ø
- Flexing temperature: -5º C to +70º C
- Static temperature: -30º C to +80º C
-Short circuit temperature: +160º C
- Flame retardant: NF C 32-070

- Insulation resistance: 10 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.×mm²		mm	mm	kg/km	kg/km
1 x 2.5	14(50/30)	0.8	3.6	24.0	31