Caledonian

Industrial Cables (Italian Standard)

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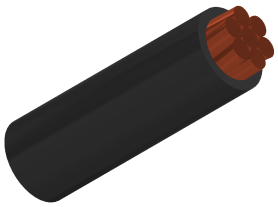
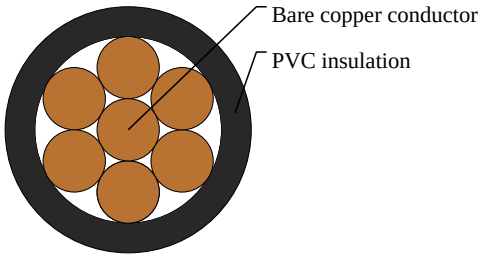
N07V-K





APPLICATIONS

These cables are suitable in building trade, industry, handicraft, wiring and power transport. Fitted inside pipes or ducts, either visible or recessed or similar closed systems. Suitable for static, protected use inside switching or control equipment, for alternating current up to 1000 V or direct current up to 750 V to ground. 1 mm2 section is suitable only for circuits of lifting devices and machines. In fire risk installation the max operating temperature must not be above 55°C. Unsuitable for laying in the external and underground.

STANDARDS

HD 21,CEI 20-22 ,CEI-UNEL 35752
CEI 20-52,IEC 60332-3

VOLTAGE RATING

450/750V

CABLE CONSTRUCTION

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Class-5
- Special PVC R2 core insulation

COLOUR CODE

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

PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 2500 volts
- Minimum bending radius: 4 x Ø
- Maximum operating temperature: -10°C to +70º C
- Maximum short circuit temperature: +160º C
- Flame retardant: IEC 60332.1 CEI EN 50265-2-1; CEI 20-22 II
- Insulation resistance: 20 MΩ x km

DIMENSION AND PARAMETERS

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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 35	2 (280/26)	1.2	11.1	336	358