



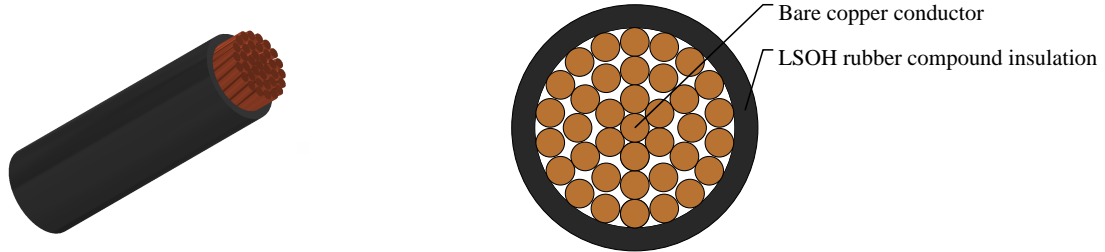
# Caledonian

Industrial Cables (Italian Standard)

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

[marketing@caledonian-cables.com](mailto:marketing@caledonian-cables.com)

## N07G9-K



## APPLICATIONS

These cables are particularly suitable for installations in places at risk of fire and with a lot of people about. They are insulated with a special elastomer which ensures both their flame-retarding feature in the case of fire, in compliance with the IEC 332.3 standards, and their release of no halogens, toxic gases or smoke, in compliance with the IEC 754.1 standards. Suitable for fixed lay, in pipe, cable-carrier, channels, inner wiring of electric switchboards, inside interruption and control equipments for voltage until 1000V in c.a. and 750V d.c. to the ground.

## STANDARDS

CEI 20-22 II, CEI 20-38, IEC 60332.3

IEC 60754.1, UNEL 35368, RoHS 2002/95/CE

## VOLTAGE RATING

450/750V

## CABLE CONSTRUCTION

- Fine bare copper or annealed copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Class-5
- Rubber type G9 LSOH 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: 2000volts
- Minimum bending radius: 4 x Ø
- Flexing temperature: 0° C to 90° C
- Static temperature: -15° C to +90° C
- Short circuit temperature: +250° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 10 MΩ x km



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## DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	AWG Size	Nominal Insulation Thickness	Approx. Overall Diameter	Approx. Weight
No. × mm <sup>2</sup>		mm	mm	kg/km
1 x 150	300 MCM	1.8	19.6	1508