



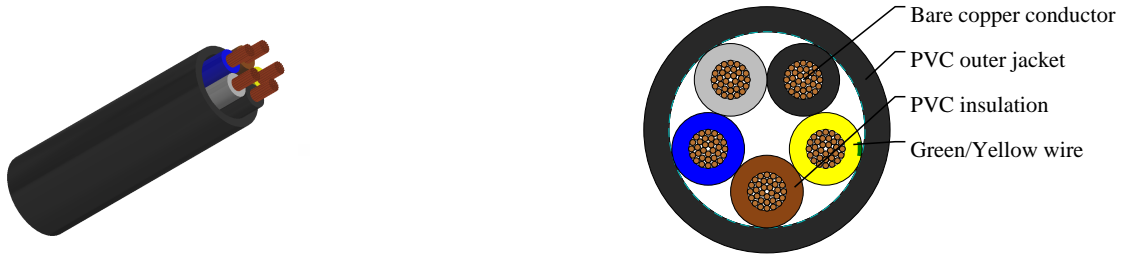
# Caledonian

Industrial Cables (Italian Standard)

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

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

## FROR - 450/750V



## APPLICATIONS

These flexible cables insulated with Standard and Approval-quality PVC plus a heavyweight PVC sheath, they are suitable for connections and movable equipment, even in places of public show and entertainment. Can be installed inside, in dry or humid environments (AD2), and for temporary use outside and not permissible under the laying plaster or underground, even if protected.

## STANDARDS

CEI 20-20/1/2, CEI 20-22 II

CEI 20-34, CEI 20-35, CEI 20-37

## VOLTAGE RATING

450/750V

## CABLE CONSTRUCTION

- Fine bare copper strands
- Strands to CEI 20-29 class 5
- PVC core insulation TI2 to CEI 20-11
- Color codes to Unel 00722
- Green-yellow grounding, 3 conductors and above
- PVC outer jacket TM 2 to CEI 20-11

## COLOUR CODE

Insulation Colour Code

Colour coded to Unel 00722

5 cores (G) - Green-Yellow + Blue + Brown + Black + Grey

## PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 2500 volts
- Flexing bending radius: 10 x Ø
- Static bending radius: 4 x Ø
- Flexing Temperature: -15° C to +70° C
- Fixed Temperature: 0° C to +70° C
- Short-circuit temperature: 160 °C



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- Flame retardant: CEI 20-22 II
- 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	Approx. Weight
No. × mm <sup>2</sup>		mm	mm	mm	kg/km
5x1	18(24/32)	0.7	1.1	11.1	135