



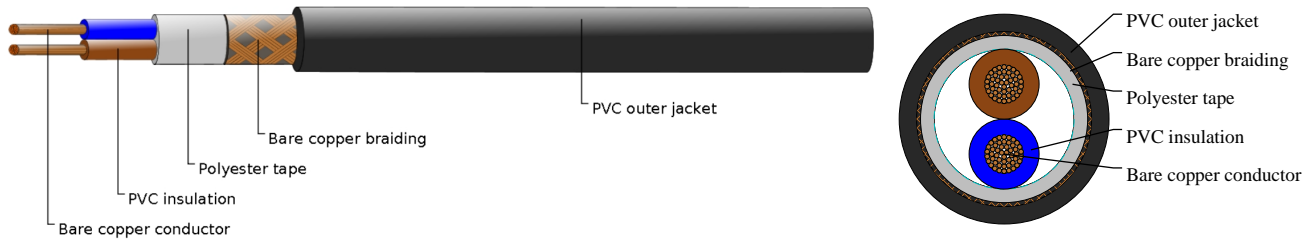
# Caledonian

Industrial Cables (Italian Standard)

www.caledonian-cables.com

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## FROH2R 450/750V 2C2.5



## APPLICATIONS

These cables are suitable for connections and movable equipments where performances and entertainments take place. Can be laid inside, even in dry or wet environments or outside but only for a temporary use. The main feature of these cables is its protection against electromagnetic interference thanks to the copper braid. Can be laid under plaster or directly buried, even if protected, is not allowed.

## STANDARDS

CEI 20-11, CEI 20-22 II, CEI 20-29

CEI 20-34, CEI 20-35, CEI 20-37 pt.2

## VOLTAGE RATING

450/750V

## CABLE CONSTRUCTION

- Flexible bare copper strands
- Strands to CEI 20-29 Class-5
- PVC Insulation compound type TI2 to CEI 20-11
- Color code according to Unel 00722
- Polyester Tape
- Bare copper wires braiding with coverage 75%±5%
- PVC outer sheath compound type TM2 / Rz according to CEI 20-11

## COLOUR CODE

Insulation Colour Code

Colour coded to Unel 00722

2 cores - Brown + Blue

## PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 2500 V
- Flexing bending radius: 10 x Ø
- Static bending radius: 6 x Ø
- Flexing temperature: 0° C to +70° C
- Static temperature: -15° C to +70° C
- Flame retardant: CEI 20-22 II



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- Insulation resistance: 10 MΩ x km

## DIMENSION AND PARAMETERS

| No. of Cores<br>× Cross-<br>sectional Area | AWG Size  | Nominal<br>Insulation<br>Thickness | Nominal Sheath<br>Thickness | Approx. Overall<br>Diameter | Approx. Weight |
|--|-----------|------------------------------------|-----------------------------|-----------------------------|----------------|
| No. × mm <sup>2</sup>                      |           | mm                                 | mm                          | mm                          | kg/km          |
| 2 x 2.5                                    | 14(50/30) | 0.8                                | 1.2                         | 10.7                        | 169.6          |