Caledonian

Industrial Cables (Italian Standard)

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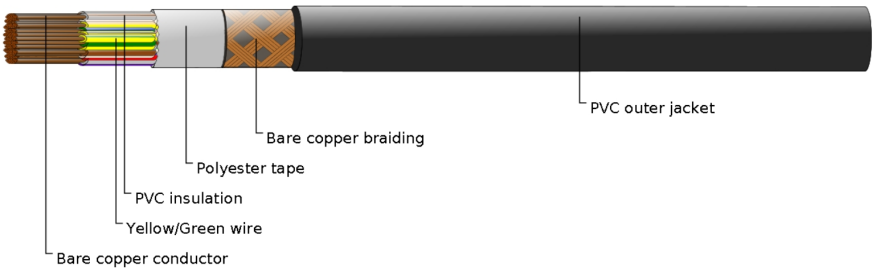
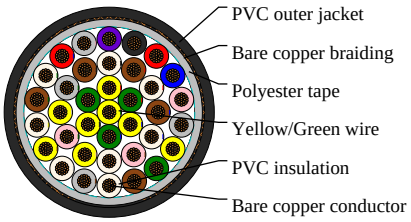
FR2OH1R/FR2OH2R 37G0.75





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 temperatureorary use. The main feature of these cables is its protection against electromagnetic interference thanks to the copper braid. Can be lay 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

300/500V

CABLE CONSTRUCTION

- Flexible bare copper strands
- Strands to CEI 20-29 Class-5
- PVC Insulation compound type R2 according to CEI 20-11
- Color code according to DIN 47100
- Polyester tape
- Bare copper tape(for FR2OH1R)
- Bare copper wires braiding with coverage 75%±5%(for FR2OH2R)
- PVC outer sheath compound type TM2 / Rz according to CEI 20-11

COLOUR CODE

Insulation Colour Code
Colour coded to DIN 47100
37 cores(G) - White+Brown+Green+Yellow+Gray+Pink+Blue+Red+Black+Violet+Gray/Pink+Red/Blue+White/Green+Brown/Green+White/Yellow+Yellow/Brown+White/Gray+Gray/Brown+White/Pink+Pink/Brown+White/Blue+Brown/Blue+White/Red+Brown/Red+White/Black+Brown/Black+Gray/Green+Yellow/Gray+Pink/Green+Yellow/Pink+Green/Blue+Yellow/Blue+Green/Red+Yellow/Red+Green/Black+Yellow/Black+Green-Yellow

PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 2000 V

- Flexing bending radius: 10 x Ø
- Static bending radius: 6 x Ø
- Flexing temperature: 0º C to +70º C
- Static temperature: -15º C to +70º C
- Flame retardant: CEI 20-22 II
- Insulation resistance: 10 MΩ x km

DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	AWG Size	Approx. Overall Diameter	Approx. Weight
No.×mm²		mm	kg/km
37G0.75	18(24/32)	17	507