



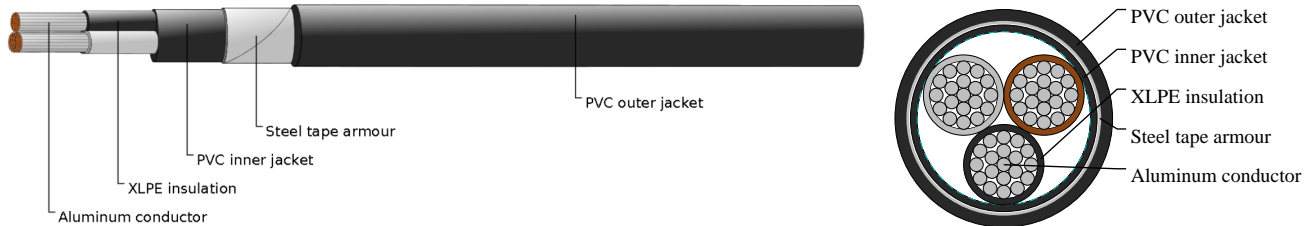
# Caledonian

Industrial Cables (French Standard)

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## U-1000 ARV FV



## APPLICATIONS

With a sheath and armor, U-1000 ARV FV is an enhanced version of the cables and U-1000 AR2V. They can be used in all industrial installations requiring mechanical protection. These cables can be provided in hard and SH C1 (NF C 32-323) and HR (resistant to aliphatic hydrocarbons). The design and characteristics of the materials comply with IEC 60502-1.

## STANDARDS

XP C 32-322

## VOLTAGE RATING

600/1000 V

## CABLE CONSTRUCTION

- Aluminum conductor
- Strands to IEC 60228 class 2
- XLPE insulation according to XP C 32-321
- Not fibrous and not hygroscopic filler
- PVC inner jacket
- Two steel tapes helically wrapped armour
- Flexible black PVC outer jacket

## COLOUR CODE

Insulation Colour Code

Color codes to HD 308 S2(XP C32-321)

3 cores - Brown + Black + Grey

## PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 3500 volts
- Minimum bending radius: 10 x Ø
- Operation temperature range: -15 °C to 90 °C
- Short-circuit temperature: 250 °C
- Flame retardant: EN60332-1/NF C 32-070 C2



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## DIMENSION AND PARAMETERS

| No. of Cores<br>× Cross-<br>sectional Area | AWG Size | Nominal<br>Insulation<br>Thickness | Min. Mean<br>Thickness<br>of Sheath | Nominal Steel<br>Wire Armour<br>Diameter | Overall<br>Diameter | Approx.<br>Weight |
|--------------------------------------------|----------|------------------------------------|-------------------------------------|------------------------------------------|---------------------|-------------------|
| No. × mm <sup>2</sup>                      |          | mm                                 | mm                                  | mm                                       | mm                  | kg/km             |
| 3x95                                       | 3/0      | 1.1                                | 2.1                                 | 0.5                                      | 43.5                | 2610              |