



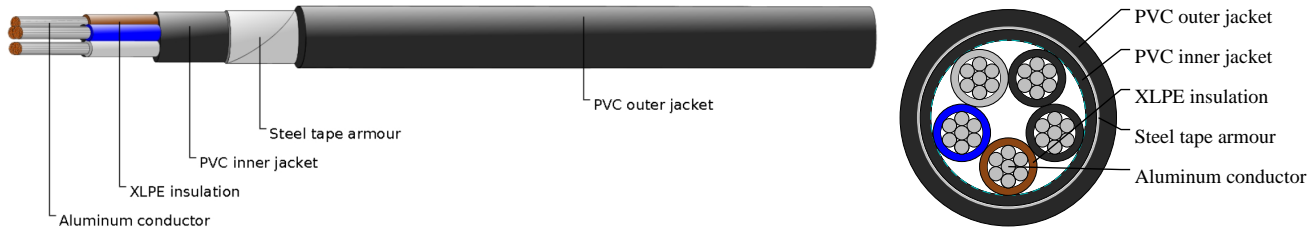
Caledonian

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)

5 cores - Blue + Brown + Black + Grey + Black

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 × Cross- sectional Area | AWG Size | Nominal Insulation Thickness | Min. Mean Thickness of Sheath | Nominal Steel Wire Armour Diameter | Overall Diameter | Approx. Weight |
|--|----------|------------------------------------|-------------------------------------|--|---------------------|-------------------|
| No. × mm ² | | mm | mm | mm | mm | kg/km |
| 5x10 | 8 | 0.7 | 1.6 | 0.2 | 22.5 | 640 |