



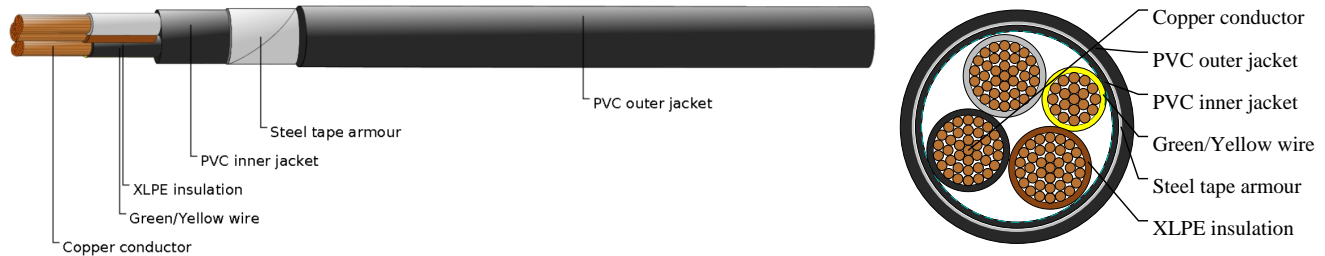
Caledonian

Industrial Cables (French Standard)

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U-1000 RVFV



APPLICATIONS

With a sheath and armor, U-1000 RVFV is an enhanced version of the cables and U-1000 R2V They are suitable for direct burial without extra mechanical protection, fixed to the walls, laid on cable trays or raceways. May also be suitable for use in premises which poses a risk of explosion (rank BE3 NF C 15-100) with mechanical protection is necessary and in this case the intensity must be reduced by 15%.

STANDARDS

NF C 32-322

VOLTAGE RATING

600/1000 V

CABLE CONSTRUCTION

- Flexible copper strands
- Strands to IEC 60228 class 2
- XLPE insulation according to NF 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(NF C32-321)

3 cores + E - Green-Yellow + Brown + Black + Grey

PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 1000 volts
- Minimum bending radius: $6 \times \varnothing$
- Operation temperature range: $-10\text{ }^{\circ}\text{C}$ to $60\text{ }^{\circ}\text{C}$
- Short-circuit temperature: $250\text{ }^{\circ}\text{C}$
- Flame retardant: NF C 32-070 C2
- Insulation resistance: $20\text{ M}\Omega \times \text{km}$



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DIMENSION AND PARAMETERS

| No. of Cores × Cross- sectional Area | AWG Size | Nominal Insulation Thickness | Nominal Sheath Thickness | Nominal Steel Wire Armour Diameter | Overall Diameter (max.) | Approx. Weight |
|--|----------|------------------------------------|--------------------------------|--|-------------------------------|-------------------|
| No.×mm ² | | mm | mm | mm | mm | kg/km |
| 3x120+70 | 4/0 | 1.2/1.1 | 2.3 | 0.5 | 46.5 | 6275 |