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Industrial Cables (French Standard)

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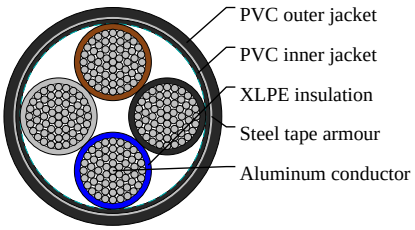
U-1000 ARVFV



APPLICATIONS

With a sheath and armor, U-1000 ARVFV 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

NF C 32-322

VOLTAGE RATING

600/1000 V

CABLE CONSTRUCTION

- Aluminum conductor
- 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 wraped armour
- Flexible black PVC outer jacket

COLOUR CODE

Insulation Colour Code
Color codes to HD 308 S2(NF C32-321)
4 cores - Blue + Brown + Black + Grey

PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 1000 volts
- Minimum bending radius: 6 x Ø
- Operation temperature rage: -10 °C to 60 °C
- Short-circuit temperature: 250 °C
- Flame retardant: NF C 32-070 C2
- Insulation resistance: 20 MΩ x km

DIMENSION AND PARAMETERS

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No. of Cores × Cross-sectional Area	AWG Size	Nominal Insulation Thickness	Min. Mean Thickness of Sheath	Nominal Steel Wire Armour Diameter	Overall Diameter (max.)	Approx. Weight
No.×mm²		mm	mm	mm	mm	kg/km
4x240	750MCM	1.7	2.9	0.5	72.5	6860