



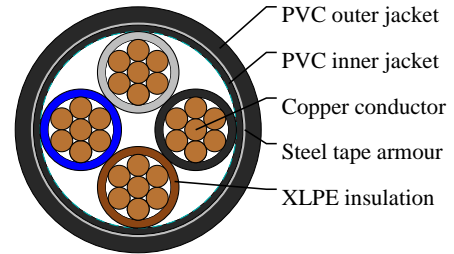
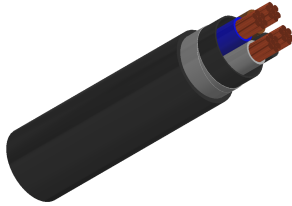
# Caledonian

Industrial Cables (Portuguese Standard)

[www.caledonian-cables.com](http://www.caledonian-cables.com)

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## XAV/ H1XAV



## APPLICATIONS

These cables 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 with mechanical protection is necessary and in this case the intensity must be reduced by 15%.

## STANDARDS

IEC 60502-1

NP 2365

## VOLTAGE RATING

600/1000 V

## CABLE CONSTRUCTION

- Copper conductor, class 2 to NP 2363
- XLPE insulation according to NF C 32-321
- Not fibrous and not hygroscopic filler(optional)
- PVC inner jacket
- Two steel tapes helically wrapped armour
- Flexible PVC outer jacket

## COLOUR CODE

Insulation Colour Code

Color coded to HD 308

4 cores - Blue + Brown + Black + Grey

## PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 3500 volts
- Minimum bending radius:  $6 \times \varnothing$
- Operation temperature range:  $-10^{\circ}\text{C}$  to  $60^{\circ}\text{C}$
- Short-circuit temperature:  $250^{\circ}\text{C}$
- Flame retardant: IEC 60332-1/NF C 32-070 C2
- Insulation resistance:  $1000 \text{ M}\Omega \times \text{km}$

## DIMENSION AND PARAMETERS



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| No. of Cores<br>× Cross-<br>sectional Area | Nominal<br>Insulation<br>Thickness | Nominal Sheath<br>Thickness | Nominal Steel<br>Wire Armour<br>Diameter | Overall<br>Diameter (max.) | Approx. Weight |
|--|------------------------------------|-----------------------------|--|----------------------------|----------------|
| No.×mm <sup>2</sup>                        | mm                                 | mm                          | mm                                       | mm                         | kg/km          |
| 4x35                                       | 0.9                                | 1.8                         | 0.2                                      | 29                         | 2135           |