



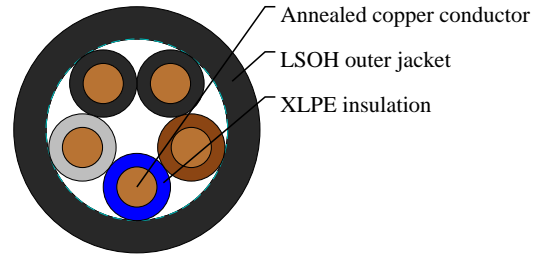
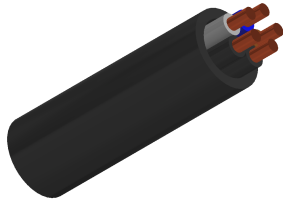
# Caledonian

Industrial Cables (Portuguese Standard)

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

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## XZ1



## APPLICATIONS

These cables with zero halogen are high security cables. In case of fire, they do not emit toxic or corrosive gases, thereby protecting public health and avoiding any possible damage to electronic equipment. For this reason, its use is recommended in public places such as: hospitals, schools, museums, airports, bus terminals, shops in general, tunnels, the underground, etc., as well as in calculation centres, offices, production plants, laboratories, etc.

## STANDARDS

IEC 60502-1

## VOLTAGE RATING

600/1000 V

## CABLE CONSTRUCTION

- Annealed copper conductor, class1 to NP 2363
- XLPE insulation
- Not fibrous and not hygroscopic filler(optional)
- Flexible LSOH outer jacket

## COLOUR CODE

Insulation Colour Code

Colour coded to HD 308

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

## PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 3500 volts
- Minimum bending radius: 12 x Ø
- Operation temperature range: -15 °C to 90 °C
- Short-circuit temperature: 250 °C
- Halogen free: IEC 60754-1. EN 50267-2-1
- No corrosive gases: IEC 60754-2. EN 50267-2-2
- No toxic gases: NES 02-713. NFx70-100
- Low smoke density: IEC 61034. EN 50268-2



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- Flame retardant: IEC 60332-1. EN 50265-2-1
- Non-flame propagating IEC 60332-3. EN 50266-2
- Insulation resistance: 1000 MΩ x km

## DIMENSION AND PARAMETERS

| No. of Cores × Cross-sectional Area | Approx. Overall Diameter | Approx. Weight |
|-------------------------------------|--------------------------|----------------|
| No. × mm <sup>2</sup>               | mm                       | kg/km          |
| 5x2.5                               | 12.5                     | 230            |