



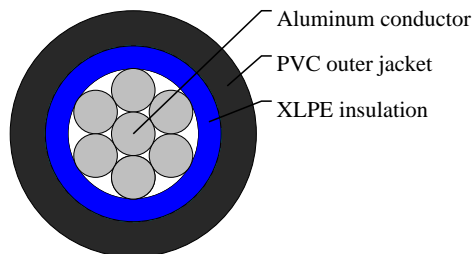
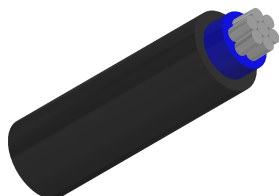
# Caledonian

Industrial Cables (Portuguese Standard)

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

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## LXV



## APPLICATIONS

These cables are used for electricity supply in low voltage installation system, They are suitable for installation in indoors and outdoors, in cable ducts, underground, in power and switching stations, local energy distributions, industrial plants, where there is no risk of mechanical damage.

## STANDARDS

IEC 60502-1

NP 2365

## VOLTAGE RATING

600/1000 V

## CABLE CONSTRUCTION

- Aluminium conductor, class 1/class 2 to NP2363
- XLPE insulation
- Not fibrous and not hygroscopic filler
- Flexible PVC, type ST2 outer jacket

## COLOUR CODE

Insulation Colour Code

Colour coded to HD 308

Single core - Black, Blue, Green/Yellow, Red, Yellow, White, Violet, Brown, Grey, Orange, Pink

## PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 3500 volts
- Minimum bending radius:  $12 \times \varnothing$
- Operation temperature range:  $-15^{\circ}\text{C}$  to  $90^{\circ}\text{C}$
- Short-circuit temperature:  $250^{\circ}\text{C}$
- Flame retardant: IEC 60332.1
- Insulation resistance:  $1000 \text{ M}\Omega \times \text{km}$

## DIMENSION AND PARAMETERS

No. of Cores $\times$ Cross-sectional Area	Approx. Overall Diameter	Approx. Weight
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No.×mm <sup>2</sup>	mm	kg/km
1x16	9	100