



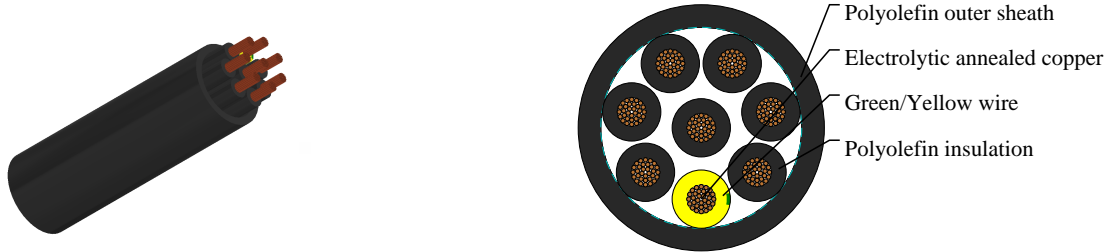
# Caledonian

Industrial Cables (Spanish Standard)

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

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## Z1Z1-K(AS)



## APPLICATIONS

These cables are high security cables. In case of fire, they emit limited toxic or corrosive gases, thereby protecting public health and avoiding any possible damage to electronic equipment. For this reason, its use is recommended used in domestic premises, kitchens, offices; or for household appliances, even those in damp places; for medium mechanical stress (e.g. washing machines, refrigerators).

## STANDARDS

UNE 21031, EN 60332, EN 60332-1

EN 50268, EN 50267-2, EN 61034

IEC 60332-1, IEC 60332-3, IEC 61034, IEC 60331

## VOLTAGE RATING

300/500 V

## CABLE CONSTRUCTION

- Flexible electrolytic annealed copper conductor
- Class 5 in accordance with IEC 60228
- Polyolefin insulation type T16 according to UNE 21031-14
- FRLSHF polyolefin outer sheath type T16 according to UNE 21031-14

## COLOUR CODE

Insulation Colour Code

Color coded to HD 308

- Green-Yellow + black numbered

## PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 2000 volts
- Minimum bending radius:  $5x \varnothing$
- Working temperature:  $-15^{\circ} \text{C}$  to  $+90^{\circ} \text{C}$
- Fixed temperature:  $-40^{\circ} \text{C}$  to  $+90^{\circ} \text{C}$
- Flame retardant: EN50265-1/EN 60332-1
- Fire retardant: EN50266-2/IEC 60332-3
- Halogen-free: EN50267/EN 50267-2-1



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- Low smoke opacity: EN 50268/IEC 61034

- Low corrosiveness gases: EN 50267-2-2

## DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	AWG Size	Approx. Overall Diameter	Approx. Weight
No. × mm <sup>2</sup>		mm	kg/km
8G1	17(32/32)	11.2	192