



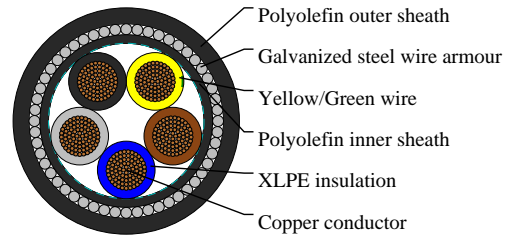
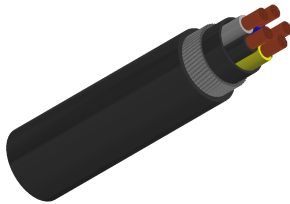
# Caledonian

Industrial Cables (Spanish Standard)

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

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## RZ1MZ1-K(AS)



## APPLICATIONS

The armoured and halogen free cable is a high security cable. In case of fire, it does 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 for public places, in hazardous areas with explosive gas atmospheres, and installations in general where the cable is subject to risk of mechanical aggression.

## STANDARDS

UNE 21123-4, IEC 60502, EN 60332-1, EN 50266  
EN 50267-1, EN 50267-2, EN 61034, IEC 60332-1  
IEC 60332-3, IEC 60754-1, IEC 60754-2, IEC 61034  
EN 50265

## VOLTAGE RATING

600/1000 V

## CABLE CONSTRUCTION

- Flexible electrolytic annealed copper conductor
- Class 5 in accordance with IEC 60228.
- Cross-linked polyethylene insulation, low smoke and halogen free, type DIX 3 according to HD 603
- Polyolefin inner sheath according to UNE 21123-4
- Galvanized steel wire armour
- LSOH polyolephine outer sheath according to UNE 21123-4

## COLOUR CODE

Insulation Colour Code

Color coded to HD 308

5 cores (G) - Green-Yellow + Blue + Brown + Black + Grey

## PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 2000 volts
- Minimum bending radius: 10 x Ø
- Working temperature: -15° C to +90° C
- Short circuit temperature: +250° C



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- Insulation resistance: 20 MΩ x km
- 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, NF X 70-100
- Low smoke density: IEC 61034, EN 50268-2
- Flame retardant: IEC 60332-1, EN 50265-2-1
- Non-flame propagating: IEC 60332-3, EN 50266-2

## DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	AWG Size	Approx. Overall Diameter	Approx. Weight
No. × mm <sup>2</sup>		mm	kg/km
5G6	10(84/28)	19.5	775