



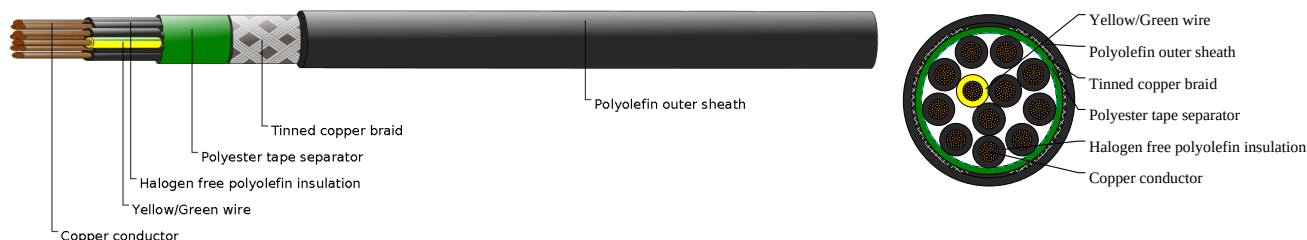
Caledonian

Industrial Cables (Spanish Standard)

www.caledonian-cables.com

marketing@caledonian-cables.com

Z1C4Z1-K(AS)



APPLICATIONS

The screened 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 and for all installations where it is necessary avoid electric interference of nearby circuits.

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

VOLTAGE RATING

600/1000 V

CABLE CONSTRUCTION

- Flexible electrolytic annealed copper conductor
- Class 5 in accordance with IEC 60228
- Halogen free polyolefin insulation
- Polyester tape separator
- High coverage tinned copper braid screen
- Polyolefin outer sheath according to UNE 21123

COLOUR CODE

Insulation Colour Code

Color coded to HD 308

- black numbered + Green/Yellow

PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 2000 volts
- Minimum bending radius: $5 \times \varnothing$
- Working temperature: -15°C to $+70^{\circ}\text{C}$
- Short circuit temperature: $+160^{\circ}\text{C}$
- Insulation resistance: $20\text{ M}\Omega \times \text{km}$
- Halogen free: IEC 60754-1, EN 50267-2-1



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- 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 ²		mm	kg/km
12G2.5	14(50/30)	18.4	463