

TOXFREE ZH

Z1Z1-K (AS)

The halogen free control cable.

DESIGN

Conductor

Electrolytic copper, class 5 (flexible), based on EN 60228

Insulation

LSZH Polyolephine insulation.

The standard identification is the following:

6 or more conductors Black numbered + Yellow/green.

Outer sheath

LSZH polyolefin outer sheath. Green colour, non-toxic and fire retardant.

APPLICATIONS

The Toxfree Z1Z1-K (AS) cable with zero halogens is a safety 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 highly recommended in public places such as: hospitals, schools, museums, airports, bus terminals, shops in general, tunnels, the underground, etc., as well as in, offices, production plants, laboratories, etc.



CHARACTERISTICS

- Flexible conductor class 5
- Minimum bending radius 5x cable diameter
- LSZH
- Impact resistance AG2 medium impact
- Minimum service temperature: -40°C (Fixed and protected installation)
- Meter by meter marking
- Low smoke emission: Light transmittance > 60%
- Outdoor installation: permanent
- Maximum service temperature 90°C
- Flame non-propagation
- Low corrosive gases emission
- Water resistance AD3 aspersión
- Maximum short-circuit temperature: 160°C (max. 5 s)
- Fire non-propagation
- Environmentally friendly
- Chemical & Oil resistance: permanent

INSTALLATION CONDITIONS

- Public places
- In conduit
- Industrial use
- Open air
- Buried