

TOXFREE ZH

RZ1-K (AS)

The halogen free power cable.

DESIGN

Conductor

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

Insulation

XLPE.

The standard identification is the following:

- 1 x Natural
- 2 x Blue + Brown
- 3 G Blue + Brown + Yellow/green
- 3 x Brown + Black + Grey
- 3 x + 1 x Brown + Black + Grey + Blue (reduced cross section)
- 4 G Brown + Black + Grey + Yellow/green
- 4 x Brown + Black + Grey + Blue
- 5 G Brown + Black + Grey + Yellow/green + Blue

Outer sheath

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

APPLICATIONS

The Toxfree RZ1-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 calculation centres, offices, production plants, laboratories, etc.

Packaging

Available in rolls (lengths of 50 and 100 m) and coils.



CHARACTERISTICS

Flexible conductor class 5	Minimum bending radius 5x cable diameter	LSZH	Impact resistance AG2 medium impact	Public places	In conduit
Minimum service temperature: -40°C (Fixed and protected installation)	Meter by meter marking	Low smoke emission: Light transmittance > 60%	Outdoor installation: permanent	Industrial use	
Maximum service temperature 90°C	Flame non-propagation	Low corrosive gases emission	Water resistance AD3 aspersión	Open air	
Maximum short-circuit temperature: 250°C (max. 5 s)	Fire non-propagation	Environmentally friendly	Chemical & Oil resistance: permanent	Buried	