

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 polyolefin 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 Sprays



Open air



Maximum short-circuit temperature: 250°C (max. 5 s)



Fire non-propagation



Chemical & oil resistance: acceptable



Buried