

# TOXFREE ZH

# RZ1 (AS) AL

Aluminium non fire propagator cable for power transmission

## DESIGN

### Conductor

Aluminium, class 2 based on EN 60228

### Insulation

XLPE natural colour.

### Outer sheath

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

## APPLICATIONS

Aluminium LSZH cable for fixed installations. Suitable for transport and distribution of electric power. These cables are especially recommended for installation in public places and in instalations where safety is a priority. Safety (AS) cable, Non-Flame and non-Fire-Propagator.



## CHARACTERISTICS



Rigid aluminium conductor class 2



Minimum bending radius 15 x cable diameter



LSZH



Impact resistance AG2 medium impact



Public places



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 aspersion



Open air



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



Fire non-propagation



Environmentally friendly



Chemical & Oil resistance: permanent



Buried

## INSTALLATION CONDITIONS