

Based on :

IEC 60092-376, IEC 60092-350

International norm :

IEC 60092-350/351/359, IEC 60332-1, IEC 60332-3-22 (cat A), IEC 60754-1/2, IEC 61034-1/2

INSTRUMENTATION 250v

# TOXFREE MARINE XOxTCuZ1-K (AS) - (x:1...3)

The Marine armoured instrumentation cable

## DESIGN

### Conductor

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

### Insulation

LSZH XLPE 90°C.

The standard identification is the following per pair:

1 x ..... Blue

1 x ..... White

Each pair is numbered

### Screen

Individual and/or collective aluminium / polyester tape with tinned copper drain wire

O1 ... Individual screen (per pair)

O2 ... Overall screen (per cable)

O3 ... Individual and overall screen

### Armour bedding

Polyester tape.

### Armour

Copper braid screen.

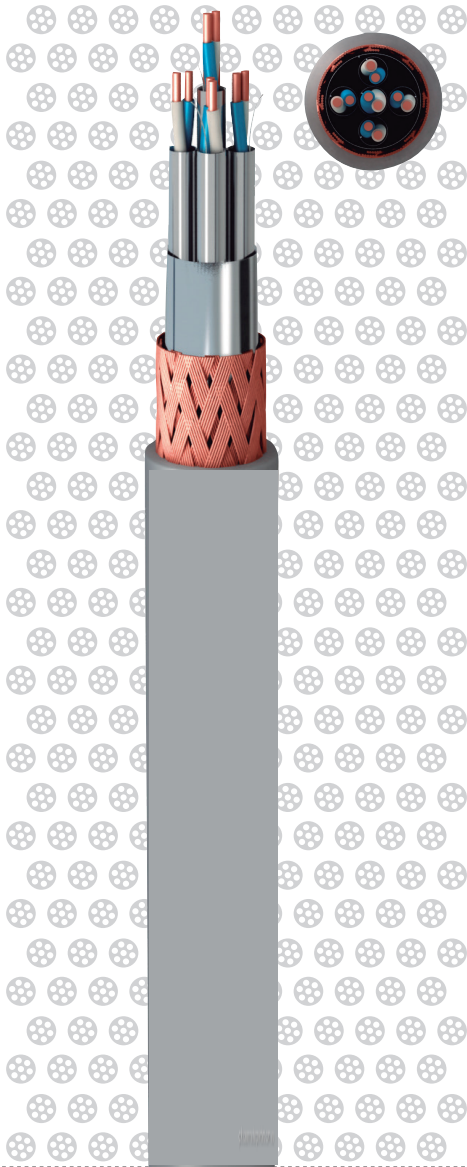
### Outer sheath

LSZH polyolephine outer sheath SHF1 type. Grey colour, non-toxic and fire retardant.

Fire resistant version also available.

## APPLICATIONS

The Toxfree Marine XOxTCuZ1-K (AS) cable with zero halogens is a high security instrumentation 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 in marine applications.



## CHARACTERISTICS



Flexible conductor class 5



Minimum bending radius: 5 x cable diameter



LSZH



Mechanical stress impact: AG3. High severity



Public places



In conduit



Minimum service temperature for fixed installation: -40°C



Meter by meter marking



Low smoke emission: Light transmittance > 60%



Outdoor installation: permanent



Marine use



Wall attached



Maximum service temperature: 90°C



Flame non-propagation



Low corrosive gases emission



Water resistance: AD3 sprays



Open air



Electric fields resistant



Fire non-propagation



Environmentally friendly



Chemical & oil resistance: acceptable



On tray

## INSTALLATION CONDITIONS