

TOXFREE MARINE XOxZ1-K (AS) - (x:1...3)

The Marine 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

01... Individual screen. Polyester tape with Cu drain wire.

02... Overall screen of aluminum. Polyester tape with tinned copper drain wire.

03... Individual and overall screen of aluminum. Polyester tape with Cu drain wire.

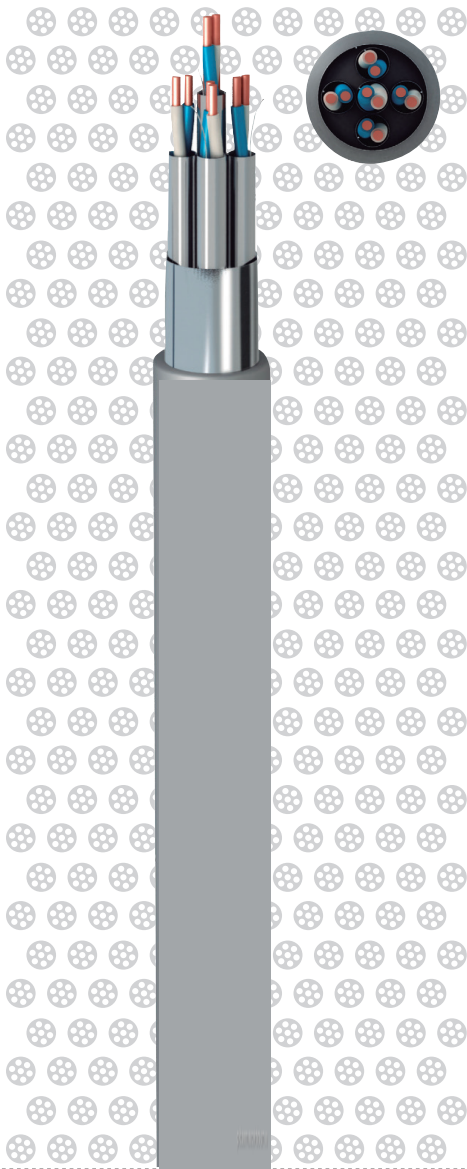
Outer sheath

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

Fire resistant version also available.

APPLICATIONS

The Toxfree Marine XOxZ1-K (AS) cable is a highly flexible cable for permanent installation on ships and offshore units. The cable is particularly suitable for power circuits where shielding is required, or areas which requires additional protection against possible shock. The cable material is halogen free, has low smoke emission and is fire retardant.



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