MRE-M2XH PiMF/TiMF 150/250V Mica Tape + XLPE Insulated, LSOH (SHF1) Sheathed, Individual Screened Fire Resistant Instrumentation & Control Cables (Multipair/Multitriple)

Application

These cables are used on board of ships in all locations for fixed installations not subject to mechanical risk complying with IEC standards 60092-352 in safety circuit, where fire resistance is required. These cables are fire resistant, flame retardant, low smoke & halogen free, suitable for installations on passenger ships, as on other commercial vessels.

Standards

- IEC 60092-350/351/376/359
- IEC 60331-21
- IEC 60332-1
- IEC 60332-3-22
- IEC 60754-1/2
- IEC 61034

Construction

- Conductors: Class 2 stranded copper conductor.
- Insulation: Mica tape + XLPE.
- Cabling Element: Pair/Triple.
- Individual Screen: Al/polyester tape.
- Drain Wire: Tinned copper wire.
- Outer Sheath: LSOH (SHF1). SHF2 can be offered upon request.

Core Identification

Pair: White/blue with printed pair number and core number.
Triple: White/blue/red with printed triple number.
### Mechanical and Thermal Properties

Bending Radius for Fixed Installations: $6 \times \text{OD (OD}>25\text{mm)}; 4 \times \text{OD (OD }\leq\text{25mm)}$

Temperature Range: $-30 \degree \text{C} \sim +80 \degree \text{C}$

### Dimensions and Weight

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Construction No. of elements× No. of cores in element× Cross section(mm²)</th>
<th>Nominal Insulation Thickness mm</th>
<th>Nominal Sheath Thickness mm</th>
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<th>Nominal Weight kg/km</th>
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## IEC Standard Caledonian Offshore & Marine Cables
### MariSig Fire Resistant Instrumentation & Control Cables

**www.caledonian-cables.co.uk**

### Table of Specifications

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