



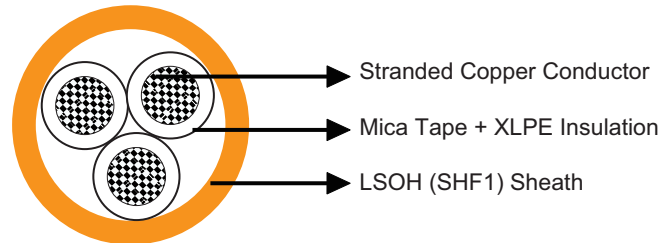
## MRE-M2XH 150/250V Mica Tape + XLPE Insulated, LSOH (SHF1) Sheathed Fire Resistant Instrumentation & Control Cables (Multicore)

### 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.
- Outer Sheath: LSOH (SHF1). SHF2 can be offered upon request.

### Core Identification

White with printed number.

### Mechanical and Thermal Properties

Bending Radius for Fixed Installations:  $4 \times OD$   
Temperature Range:  $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$





# IEC Standard Caledonian Offshore & Marine Cables

## MariSig Fire Resistant Instrumentation & Control Cables

[www.caledonian-cables.co.uk](http://www.caledonian-cables.co.uk)

### Dimensions and Weight

Part No.	Construction No. of cores×Cross section(mm <sup>2</sup> )	Nominal Insulation Thickness mm	Nominal Sheath Thickness mm	Nominal Overall Diameter mm	Nominal Weight kg/km
MRE-M2XH-2C0.75	2×0.75	0.5	1.1	6.3	63
MRE-M2XH-4C0.75	4×0.75	0.5	1.2	6.7	84

