



# Caledonian

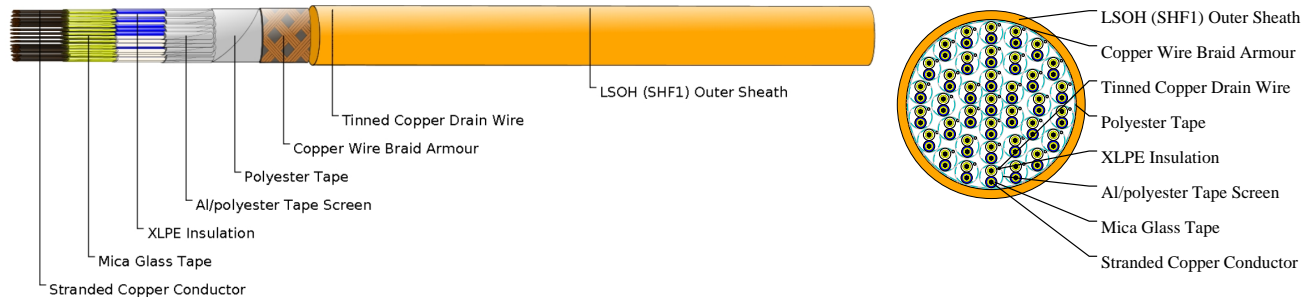
## IEC60092 Offshore & Marine Cables

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

[marketing@caledonian-cables.com](mailto:marketing@caledonian-cables.com)

**BFOI (i)/ BFOU (i) (MRE-M2XCH PiMF) 150/250V Mica Tape + XLPE Insulated, LSOH (SHF1) Sheathed, Individual Screened & Armoured Fire Resistant Instrumentation & Control Cables 37P0.75**

**MRE-M2XCH PiMF-37P0.75**



### APPLICATIONS

These cables are used on board of ships in all locations for fixed installations 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 60092-350/360/376/IEC 60331-21/IEC 60332-1

IEC 60332-3-22/IEC 60754-1/2/IEC 61034

### APPROVALS

BV Certification(33493/B0 BV)

### CABLE CONSTRUCTION

Conductors: Class 2 stranded copper conductor.

Insulation: Mica tape + XLPE.

Cabling Element: Pair.

Individual Screen: Al/polyester tape.

Drain Wire: Tinned copper wire.

Inner Covering: Lapped polyester tape.

Armour: Copper wire braid.

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

### COLOUR CODE

Pair: White/blue with printed pair number and core number.

### PHYSICAL AND THERMAL PROPERTIES

Bending Radius for Fixed Installations: 6×OD

Temperature Range: -30°C ~ +80°C

### DIMENSION AND PARAMETERS



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No. of Cores × Cross-sectional Area	Nominal Insulation Thickness	Nominal Sheath Thickness	Nom. Overall Diameter	Approx. Weight
No.×mm <sup>2</sup>	mm	mm	mm	kg/km
37x2x0.75	0.5	2.8	38.1	2200