



# Caledonian

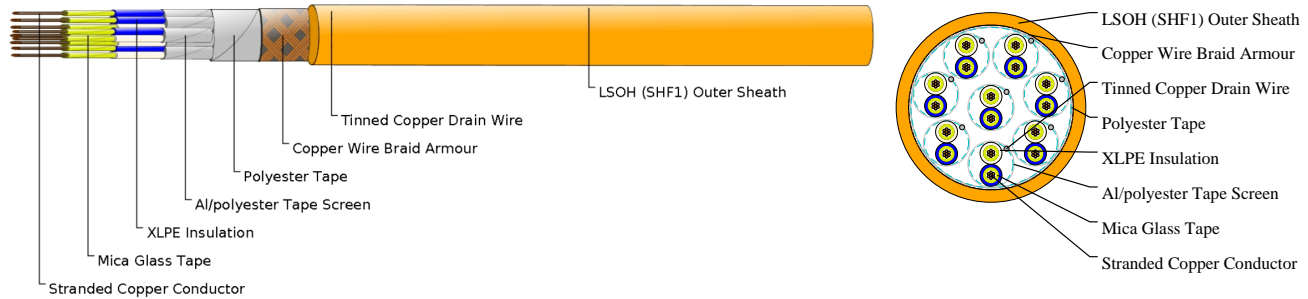
IEC60092 Offshore & Marine Cables

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

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BFOI (i)/ BFOU (i) (MRE-M2XCH PiMF) 150/250V Mica Tape + XLPE Insulated, LSOH (SHF1) Sheathed, Individual Screened & Armoured Fire Resistant Instrumentation & Control Cables 8P1

## MRE-M2XCH PiMF-8P1



## 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 ×<br>Cross-sectional Area | Nominal Insulation<br>Thickness | Nominal Sheath<br>Thickness | Nom. Overall<br>Diameter | Approx. Weight |
|--|---------------------------------|-----------------------------|--------------------------|----------------|
| No.×mm <sup>2</sup>                    | mm                              | mm                          | mm                       | kg/km          |
| 8x2x1                                  | 0.5                             | 2                           | 21.5                     | 700            |