



# Caledonian

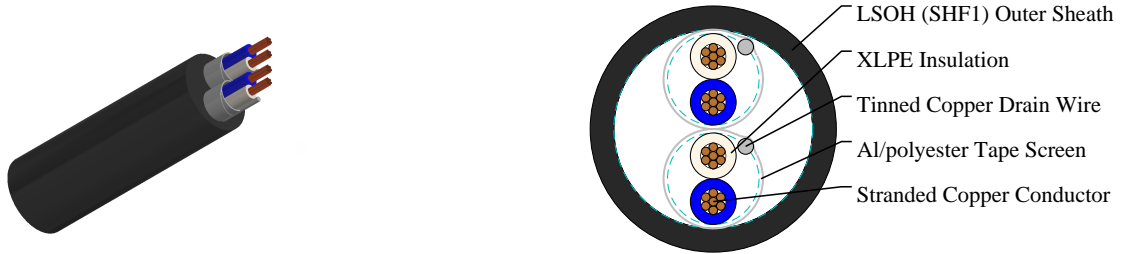
IEC60092 Offshore & Marine Cables

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TI (i)/ TU(i) (MRE-2XH PiMF) 150/250V XLPE Insulated, LSOH (SHF1) Sheathed, Individual Screened Flame Retardant Instrumentation & Control Cables 2P1

MRE-2XH PiMF-2P1



## APPLICATIONS

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

## STANDARDS

IEC 60092-350/360/376/IEC 60332-1

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

## CABLE CONSTRUCTION

Conductors: Class 2 stranded copper conductor.

Insulation: XLPE.

Cabling Element: Pair.

Individual Screen: Al/polyester tape.

Drain Wire: Tinned copper wire.

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: 4×OD

Temperature Range: -30°C ~ +80°C

## DIMENSION AND PARAMETERS

| 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          |
| 2x2x1                               | 0.5                          | 1.2                      | 11.7                  | 170            |