



Caledonian

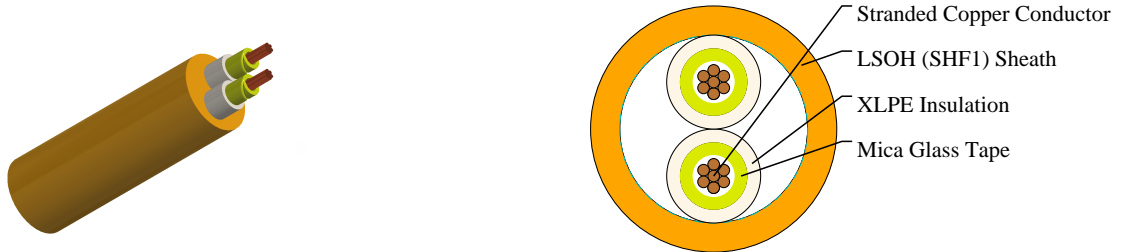
IEC60092 Offshore & Marine Cables

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BI/ BU (MRE-M2XH) 150/250V Mica Tape + XLPE Insulated, LSOH (SHF1) Sheathed Fire Resistant Instrumentation & Control Cables 2C0.75

MRE-M2XH-2C0.75



APPLICATIONS

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 60092-350/360/376/IEC 60331-21/IEC 60332-1

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

CABLE CONSTRUCTION

Conductors: Class 2 stranded copper conductor.

Insulation: Mica tape + XLPE.

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

COLOUR CODE

White with printed 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 ² | mm | mm | mm | kg/km |
| 2x0.75 | 0.5 | 1.1 | 6.3 | 63 |