



Caledonian

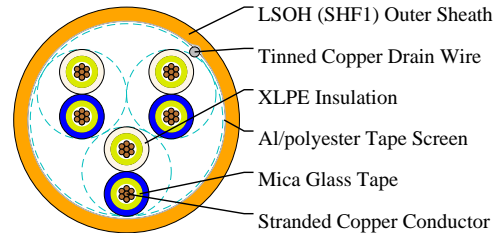
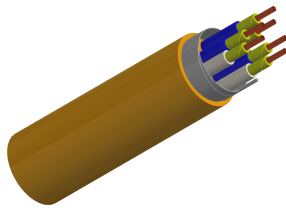
IEC60092 Offshore & Marine Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

BI (c)/ BU(c) (MRE-M2X(St)H) 150/250V Mica Tape + XLPE Insulated, LSOH (SHF1) Sheathed, Overall Screened Fire Resistant Instrumentation & Control Cables 3P1

MRE-M2X(St)H-3P1



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.

Cabling Element: Pair.

Overall 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: 6×OD (OD>25mm); 4×OD (OD ≤25mm)

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 |



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| | | | | |
|-------|-----|-----|------|-----|
| 3x2x1 | 0.5 | 1.3 | 14.2 | 200 |
|-------|-----|-----|------|-----|