

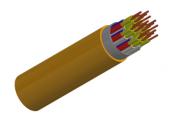
### Caledonian

#### IEC60092 Offshore & Marine Cables

www.caledonian-cables.com marketing@caledonian-cables.com

BI (i)/ BU(i) (MRE-M2XH TiMF) 150/250V Mica Tape + XLPE Insulated, LSOH (SHF1) Sheathed, Individual Screened Fire Resistant Instrumentation & Control Cables 7T1

MRE-M2XH TiMF-7T1





#### **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: Triple.

Individual Screen: Al/polyester tape. Drain Wire: Tinned copper wire.

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

#### **COLOUR CODE**

Triple: White/blue/red with printed triple 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 ×       | Nominal Insulation | Nominal Sheath | Nom. Overall | Approx. Weight |
|----------------------|--------------------|----------------|--------------|----------------|
| Cross-sectional Area | Thickness          | Thickness      | Diameter     |                |
| No.×mm²              | mm                 | mm             | mm           | kg/km          |



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| ĺ | 7x3x1 | 0.5 | 1.5 | 21.5 | 640 |
|---|-------|-----|-----|------|-----|
|   |       |     |     |      |     |