



Caledonian

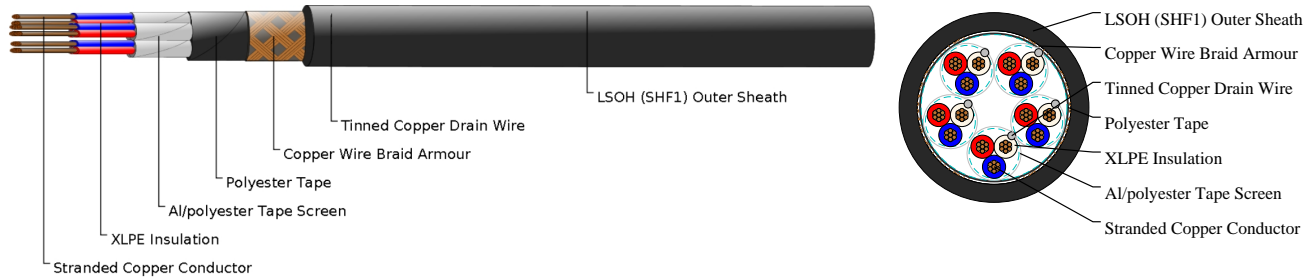
IEC60092 Offshore & Marine Cables

www.caledonian-cables.com

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TFOI (i) /TFOU (i) (MRE-2XCH TiMF) 150/250V XLPE Insulated, LSOH (SHF1) Sheathed, Individual Screened & Armoured Flame Retardant Instrumentation & Control Cables 5T0.75

MRE-2XCH TiMF-5T0.75



APPLICATIONS

These cables are used on board of ships at all locations for fixed installations 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: Triple.

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

Triple: White/blue/red with printed triple number.

PHYSICAL AND THERMAL PROPERTIES

Bending Radius for Fixed Installations: 6×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 |



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|----------|-----|-----|------|-----|
| 5x3x0.75 | 0.5 | 1.8 | 17.5 | 460 |
|----------|-----|-----|------|-----|