



# Caledonian

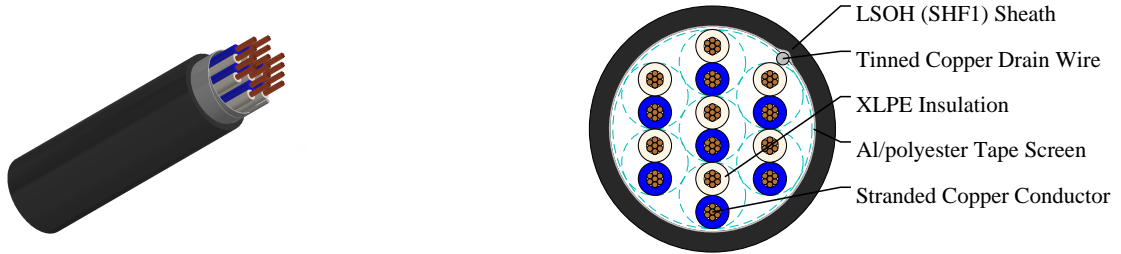
IEC60092 Offshore & Marine Cables

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TI (c)/ TU(c) (MRE-2X(St)H) 150/250V XLPE Insulated, LSOH (SHF1) Sheathed, Overall Screened Flame Retardant Instrumentation & Control Cables 7P0.5

MRE-2X(St)H-7P0.5



## 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.

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:  $6 \times OD$

Temperature Range:  $-30^{\circ}C \sim +80^{\circ}C$

## 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
7x2x0.5	0.4	1.1	12	160