



Caledonian

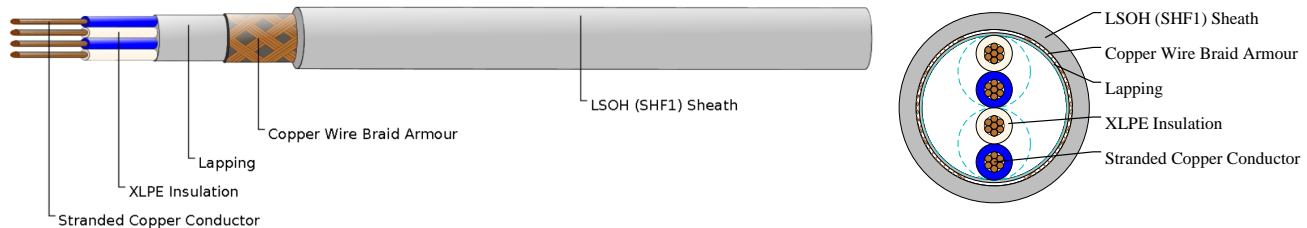
IEC60092 Offshore & Marine Cables

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TFOI/ TFOU (MRE-2XCH) 150/250V XLPE Insulated, LSOH (SHF1) Sheathed, Armoured Flame Retardant Instrumentation & Control Cables 2P1.5

MRE-2XCH-2P1.5



APPLICATIONS

These armoured cables are used on board of ships in 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: Pair.

Inner Covering: Lapped polyester tape.

Armour: Copper wire braid.

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

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 |
| 2x2x1.5 | 0.6 | 1.3 | 10.9 | 190 |