



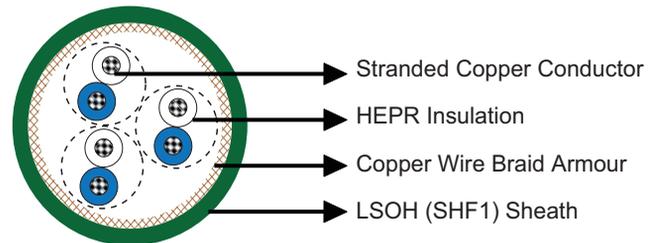
## MRE-3GCH 150/250V HEPR Insulated, LSOH (SHF1) Sheathed, Armoured Flame Retardant Instrumentation & Control Cables (Multipair)

### Application

These armoured cables are used on board of ships in all locations for fixed installations where cable protection is required. These cables are flame retardant, low smoke & halogen free, suitable for installations on passenger ships, as on other commercial vessels.

### Standards

- DIN 89159/98
- IEC 60092-351/375/359
- IEC 60332-1
- IEC 60332-3-22
- IEC 60754-1/2
- IEC 61034



### Construction

- Conductors: Stranded copper conductor.
- Insulation: HEPR.
- Cabling Element: Pair.
- Armour: Copper wire braid.
- Outer Sheath: LSOH (SHF1).

### Core Identification

Pair: white/ blue with printed pair number and core number.



# IEC Standard Caledonian Offshore & Marine Cables

## MariSig Flame Retardant Instrumentation & Control Cables

[www.caledonian-cables.co.uk](http://www.caledonian-cables.co.uk)

### Mechanical and Thermal Properties

Bending Radius for Fixed Installations:  $6 \times OD$   
Temperature Range:  $-30^{\circ}\text{C} \sim +75^{\circ}\text{C}$

### Dimensions and Weight

Part No.	Construction No. of elements $\times$ No. of cores in element $\times$ Cross section ( $\text{mm}^2$ )	Nominal Insulation Thickness mm	Nominal Sheath Thickness mm	Nominal Overall Diameter mm	Nominal Weight kg/km
MRE-3GCH-1P0.75	1 $\times$ 2 $\times$ 0.75	0.5	1.2	8.5	90
MRE-3GCH-2P0.75	2 $\times$ 2 $\times$ 0.75*	0.5	1.3	9.5	130
MRE-3GCH-4P0.75	4 $\times$ 2 $\times$ 0.75	0.5	1.4	13.0	230
MRE-3GCH-7P0.75	7 $\times$ 2 $\times$ 0.75	0.5	1.8	15.5	340
MRE-3GCH-10P0.75	10 $\times$ 2 $\times$ 0.75	0.5	1.9	18.5	470
MRE-3GCH-14P0.75	14 $\times$ 2 $\times$ 0.75	0.5	2.0	21.0	610
MRE-3GCH-19P0.75	19 $\times$ 2 $\times$ 0.75	0.5	2.1	23.5	770
MRE-3GCH-24P0.75	24 $\times$ 2 $\times$ 0.75	0.5	2.2	26.5	950

\*: 2 pairs are assembled as a quad.

