



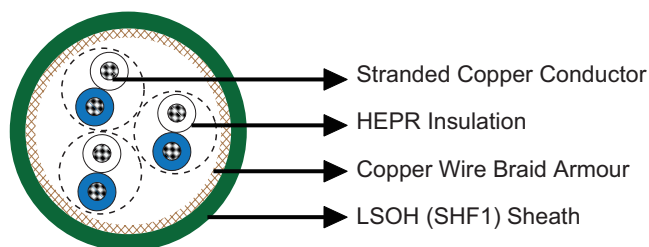
MRE-3GCH 150/250V HEPR Insulated, LSOH (SHF1) Sheathed, Armoured Flame Retardant Instrumentation & Control Cables (Multipair)

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

Mechanical and Thermal Properties

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

Dimensions and Weight

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

*: 2 pairs are assembled as a quad.

