



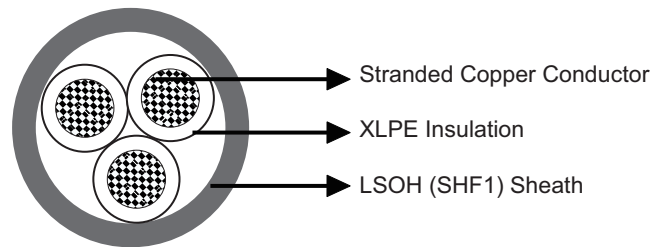
MRE-2XH 150/250V XLPE Insulated, LSOH (SHF1) Sheathed Flame Retardant Instrumentation & Control Cables (Multicore)

Application

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 60092-350/351/376/359
- IEC 60332-1
- IEC 60332-3-22
- IEC 60754-1/2
- IEC 61034



Construction

- Conductors: Class 2 stranded copper conductor.
- Insulation: XLPE.
- Outer Sheath: LSOH (SHF1). SHF2 can be offered upon request.

Core Identification

White with printed number.

Mechanical and Thermal Properties

Bending Radius for Fixed Installations: $4 \times OD$
Temperature Range: $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$

IEC Standard Caledonian Offshore & Marine Cables

MariSig Flame Retardant Instrumentation & Control Cables



www.caledonian-cables.co.uk

Dimensions and Weight

Part No.	Construction No. of cores×Cross section(mm ²)	Nominal Insulation Thickness mm	Nominal Sheath Thickness mm	Nominal Overall Diameter mm	Nominal Weight kg/km
MRE-2XH-2C0.75	2×0.75	0.5	1.1	6.2	50
MRE-2XH-3C0.75	3×0.75	0.5	1.1	6.5	60
MRE-2XH-5C0.75	5×0.75	0.5	1.2	7.7	80
MRE-2XH-7C0.75	7×0.75	0.5	1.2	8.3	100
MRE-2XH-12C0.75	12×0.75	0.5	1.3	10.9	170
MRE-2XH-19C0.75	19×0.75	0.5	1.6	13.0	250
MRE-2XH-27C0.75	27×0.75	0.5	1.7	15.6	350
MRE-2XH-37C0.75	37×0.75	0.5	1.9	17.6	470
MRE-2XH-2C1.0	2×1.0	0.5	1.1	6.6	60
MRE-2XH-3C1.0	3×1.0	0.5	1.2	7.0	70
MRE-2XH-5C1.0	5×1.0	0.5	1.2	8.2	100
MRE-2XH-7C1.0	7×1.0	0.5	1.3	9.1	130
MRE-2XH-12C1.0	12×1.0	0.5	1.4	11.7	210
MRE-2XH-19C1.0	19×1.0	0.5	1.7	14.0	310
MRE-2XH-27C1.0	27×1.0	0.5	1.9	16.8	430
MRE-2XH-37C1.0	37×1.0	0.5	2.0	19.0	580

