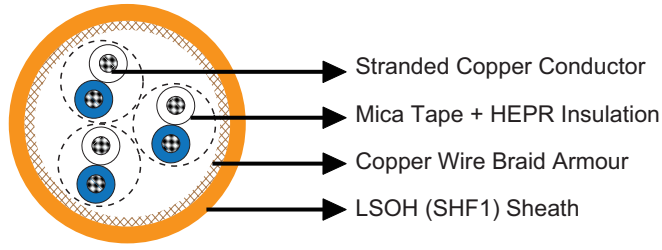
MRE-M3GCH 150/250V Mica Tape + HEPR Insulated, LSOH (SHF1) Sheathed, Armoured Fire Resistant Instrumentation & Control Cables (Multipair)

Application

These cables are used on board of ships in all locations for fixed installations complying with IEC standards 60092-352 in safety circuit, where fire resistance is required. These cables are fire resistant, flame retardant, low smoke & halogen free, suitable for installations on passenger ships, as on other commercial vessels.

Standards

- DIN 89159
- IEC 60092-351/375/359
- IEC 60331-21
- IEC 60332-1
- IEC 60332-3-22
- IEC 60754-1/2
- IEC 61034



Construction

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

Core Identification

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

Mechanical and Thermal Properties

Bending Radius for Fixed Installations: 6×OD
Temperature Range: -30℃ ~ +75℃

Dimensions and Weight

Part No.	Construction No. of elements×No. of cores in element×Cross section(mm²)	Nominal Insulation Thickness mm	Nominal Sheath Thickness mm	Nominal Overall Diameter mm	Nominal Weight kg/km
MRE-M3GCH-1P0.75	1×2×0.75	0.5	1.2	10.5	110
MRE-M3GCH-2P0.75	2×2×0.75*	0.5	1.3	11.0	150
MRE-M3GCH-4P0.75	4×2×0.75	0.5	1.4	16.0	270
MRE-M3GCH-7P0.75	7×2×0.75	0.5	1.8	19.0	400
MRE-M3GCH-10P0.75	10×2×0.75	0.5	1.9	22.0	560
MRE-M3GCH-14P0.75	14×2×0.75	0.5	2.0	27.0	740
MRE-M3GCH-19P0.75	19×2×0.75	0.5	2.1	29.0	930
MRE-M3GCH-24P0.75	24×2×0.75	0.5	2.2	31.0	1110

*: 2 pairs are assembled as a quad.