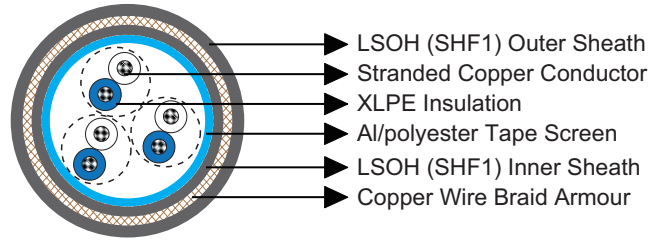
MRE-2X(St)HCH 150/250V XLPE Insulated, LSOH (SHF1) Sheathed, Overall Screened & Armoured Flame Retardant Instrumentation & Control Cables (Multipair/Multitriple)

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

- 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.
- Cabling Element: Pair/Triple.
- Overall Screen: Al/polyester tape.
- Inner Sheath: LSOH (SHF1).
- Armour: Copper wire braid.
- Outer Sheath: LSOH (SHF1). SHF2 can be offered upon request.

Core Identification

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

Mechanical and Thermal Properties

Bending Radius for Fixed Installations: 6×OD
Temperature Range: -30℃ ~ +80℃

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
			Inner	Outer		
MRE-2X(St)HCH-1P0.75	1×2×0.75	0.5	1.0	0.8	10.3	150
MRE-2X(St)HCH-2P0.75	2×2×0.75*	0.5	1.0	0.8	11.2	190
MRE-2X(St)HCH-3P0.75	3×2×0.75	0.5	1.1	0.9	14.2	270
MRE-2X(St)HCH-4P0.75	4×2×0.75	0.5	1.2	0.9	15.1	310
MRE-2X(St)HCH-7P0.75	7×2×0.75	0.5	1.2	1.0	17.3	410
MRE-2X(St)HCH-8P0.75	8×2×0.75	0.5	1.3	1.0	18.4	460
MRE-2X(St)HCH-10P0.75	10×2×0.75	0.5	1.4	1.1	20.5	550
MRE-2X(St)HCH-12P07.5	12×2×0.75	0.5	1.4	1.1	21.2	600
MRE-2X(St)HCH-14P0.75	14×2×0.75	0.5	1.4	1.1	21.9	650
MRE-2X(St)HCH-16P0.75	16×2×0.75	0.5	1.5	1.1	23.4	730
MRE-2X(St)HCH-19P0.75	19×2×0.75	0.5	1.5	1.1	24.3	810
MRE-2X(St)HCH-24P0.75	24×2×0.75	0.5	1.6	1.2	27.3	980
MRE-2X(St)HCH-30P0.75	30×2×0.75	0.5	1.7	1.3	30.3	1190
MRE-2X(St)HCH-32P0.75	32×2×0.75	0.5	1.7	1.3	30.8	1240
MRE-2X(St)HCH-37P0.75	37×2×0.75	0.5	1.8	1.3	32.3	1380
MRE-2X(St)HCH-1P1.0	1×2×1.0	0.5	1.0	0.8	10.7	170
MRE-2X(St)HCH-2P1.0	2×2×1.0*	0.5	1.0	0.8	11.7	210
MRE-2X(St)HCH-3P1.0	3×2×1.0	0.5	1.2	0.9	15.2	310
MRE-2X(St)HCH-4P1.0	4×2×1.0	0.5	1.2	0.9	15.9	350
MRE-2X(St)HCH-7P1.0	7×2×1.0	0.5	1.3	1.0	18.5	480
MRE-2X(St)HCH-8P1.0	8×2×1.0	0.5	1.3	1.0	19.5	530
MRE-2X(St)HCH-10P1.0	10×2×1.0	0.5	1.4	1.1	21.8	630
MRE-2X(St)HCH-12P1.0	12×2×1.0	0.5	1.4	1.1	22.5	700
MRE-2X(St)HCH-14P1.0	14×2×1.0	0.5	1.5	1.1	23.4	770
MRE-2X(St)HCH-16P1.0	16×2×1.0	0.5	1.5	1.2	25.1	860
MRE-2X(St)HCH-19P1.0	19×2×1.0	0.5	1.6	1.2	26.2	970
MRE-2X(St)HCH-24P1.0	24×2×1.0	0.5	1.7	1.3	29.5	1190

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MRE-2X(St)HCH-30P1.0	30×2×1.0	0.5	1.8	1.3	32.6	1430
MRE-2X(St)HCH-32P1.0	32×2×1.0	0.5	1.8	1.4	33.3	1500
MRE-2X(St)HCH-37P1.0	37×2×1.0	0.5	1.9	1.4	35.3	1750
MRE-2X(St)HCH-1P1.5	1×2×1.5	0.7	1.1	1.2	11.7	200
MRE-2X(St)HCH-2P1.5	2×2×1.5*	0.7	1.1	1.2	13.1	270
MRE-2X(St)HCH-3P1.5	3×2×1.5	0.7	1.2	1.2	17.0	380
MRE-2X(St)HCH-4P1.5	4×2×1.5	0.7	1.3	1.2	18.1	450
MRE-2X(St)HCH-7P1.5	7×2×1.5	0.7	1.4	1.2	21.4	640
MRE-2X(St)HCH-8P1.5	8×2×1.5	0.7	1.4	1.2	22.6	700
MRE-2X(St)HCH-10P1.5	10×2×1.5	0.7	1.5	1.2	25.3	840
MRE-2X(St)HCH-12P1.5	12×2×1.5	0.7	1.6	1.2	26.4	940
MRE-2X(St)HCH-14P1.5	14×2×1.5	0.7	1.6	1.2	27.2	1030
MRE-2X(St)HCH-16P1.5	16×2×1.5	0.7	1.7	1.3	29.4	1170
MRE-2X(St)HCH-19P1.5	19×2×1.5	0.7	1.7	1.3	30.5	1310
MRE-2X(St)HCH-24P1.5	24×2×1.5	0.7	1.9	1.4	35.0	1700
MRE-2X(St)HCH-30P1.5	30×2×1.5	0.7	2.0	1.5	38.9	2050
MRE-2X(St)HCH-32P1.5	32×2×1.5	0.7	2.0	1.5	39.5	2140
MRE-2X(St)HCH-37P1.5	37×2×1.5	0.7	2.1	1.6	41.6	2410
MRE-2X(St)HCH-1T0.75	1×3×0.75	0.5	1.0	0.8	10.6	170
MRE-2X(St)HCH-2T0.75	2×3×0.75	0.5	1.1	0.9	14.4	280
MRE-2X(St)HCH-3T0.75	3×3×0.75	0.5	1.2	0.9	15.2	320
MRE-2X(St)HCH-4T0.75	4×3×0.75	0.5	1.2	1.0	16.3	380
MRE-2X(St)HCH-7T0.75	7×3×0.75	0.5	1.3	1.0	19.6	540
MRE-2X(St)HCH-8T0.75	8×3×0.75	0.5	1.4	1.1	21.1	610
MRE-2X(St)HCH-10T0.75	10×3×0.75	0.5	1.5	1.1	23.5	720
MRE-2X(St)HCH-12T07.5	12×3×0.75	0.5	1.5	1.2	24.7	810
MRE-2X(St)HCH-14T0.75	14×3×0.75	0.5	1.5	1.2	25.6	890
MRE-2X(St)HCH-16T0.75	16×3×0.75	0.5	1.6	1.2	27.1	990
MRE-2X(St)HCH-19T0.75	19×3×0.75	0.5	1.7	1.3	29.3	1150
MRE-2X(St)HCH-24T0.75	24×3×0.75	0.5	1.8	1.3	32.1	1370
MRE-2X(St)HCH-30T0.75	30×3×0.75	0.5	1.9	1.4	35.7	1730
MRE-2X(St)HCH-32T0.75	32×3×0.75	0.5	1.9	1.4	36.8	1820
MRE-2X(St)HCH-37T0.75	37×3×0.75	0.5	2.0	1.5	38.7	2040
MRE-2X(St)HCH-1T1.0	1×3×1.0	0.5	1.0	0.8	11.1	190
MRE-2X(St)HCH-2T1.0	2×3×1.0	0.5	1.2	0.9	15.5	320

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			Inner	Outer		
MRE-2X(St)HCH-3T1.0	3×3×1.0	0.5	1.2	1.0	16.2	370
MRE-2X(St)HCH-4T1.0	4×3×1.0	0.5	1.3	1.0	17.6	440
MRE-2X(St)HCH-7T1.0	7×3×1.0	0.5	1.4	1.1	21.4	650
MRE-2X(St)HCH-8T1.0	8×3×1.0	0.5	1.4	1.1	22.6	710
MRE-2X(St)HCH-10T1.0	10×3×1.0	0.5	1.5	1.2	25.4	860
MRE-2X(St)HCH-12T1.0	12×3×1.0	0.5	1.6	1.2	26.8	970
MRE-2X(St)HCH-14T1.0	14×3×1.0	0.5	1.6	1.2	27.8	1070
MRE-2X(St)HCH-16T1.0	16×3×1.0	0.5	1.7	1.3	29.6	1200
MRE-2X(St)HCH-19T1.0	19×3×1.0	0.5	1.8	1.3	31.8	1380
MRE-2X(St)HCH-24T1.0	24×3×1.0	0.5	1.9	1.4	35.4	1750
MRE-2X(St)HCH-30T1.0	30×3×1.0	0.5	2.0	1.5	39.0	2100
MRE-2X(St)HCH-32T1.0	32×3×1.0	0.5	2.0	1.5	40.2	2210
MRE-2X(St)HCH-37T1.0	37×3×1.0	0.5	2.1	1.6	42.3	2490
MRE-2X(St)HCH-1T1.5	1×3×1.5	0.7	1.1	1.2	12.3	230
MRE-2X(St)HCH-2T1.5	2×3×1.5	0.7	1.2	1.2	17.2	390
MRE-2X(St)HCH-3T1.5	3×3×1.5	0.7	1.3	1.2	18.3	470
MRE-2X(St)HCH-4T1.5	4×3×1.5	0.7	1.3	1.2	19.7	560
MRE-2X(St)HCH-7T1.5	7×3×1.5	0.7	1.5	1.2	24.6	860
MRE-2X(St)HCH-8T1.5	8×3×1.5	0.7	1.6	1.2	26.2	960
MRE-2X(St)HCH-10T1.5	10×3×1.5	0.7	1.7	1.3	29.5	1150
MRE-2X(St)HCH-12T1.5	12×3×1.5	0.7	1.7	1.3	30.9	1290
MRE-2X(St)HCH-14T1.5	14×3×1.5	0.7	1.8	1.3	32.3	1450
MRE-2X(St)HCH-16T1.5	16×3×1.5	0.7	1.8	1.4	34.2	1620
MRE-2X(St)HCH-19T1.5	19×3×1.5	0.7	1.9	1.5	37.3	1950
MRE-2X(St)HCH-24T1.5	24×3×1.5	0.7	2.1	1.5	41.1	2370
MRE-2X(St)HCH-30T1.5	30×3×1.5	0.7	2.2	1.6	45.3	2860
MRE-2X(St)HCH-32T1.5	32×3×1.5	0.7	2.3	1.7	47.1	3060
MRE-2X(St)HCH-37T1.5	37×3×1.5	0.7	2.4	1.7	49.3	3420

*: 2 pairs are assembled as a quad.