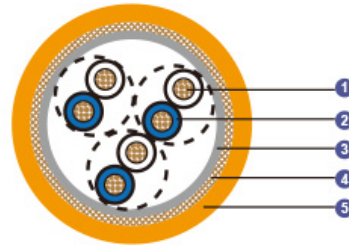


150/250V Mica Tape + XLPE Insulated, LSOH (SHF1) Sheathed, Armoured Fire Resistant Instrumentation & Control Cables (Multipair/Multitriples)



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	IEC 60092-350/351/376/359 IEC 60331-21; IEC 60332-1; IEC 60332-3-22; IEC 60754-1/2; IEC 61034
Construction	
Conductors	Class 2 stranded copper conductor.
Insulation	Mica tape + XLPE.
Cabling Element	Pair/Triples.
Inner Covering	Lapped polyester tape.
Armour	Copper wire braid.
Outer Sheath	LSOH (SHF1).
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°C ~ +80°C

Dimensions and Weight

Part No.	Construction No. of elements×No. of cores in element×Cross section	Nominal Insulation Thickness	Nominal Sheath Thickness	Nominal Overall Diameter	Nominal Weight
	mm ²	mm	mm	mm	kg/km
M092FR-RE-M2XCH - 1P0.75	1×2×0.75	0.5	1.3	9.1	120

M092FR-RE- M2XCH - 2P0.75	2x2x0.75	0.5	1.3	10.2	150
M092FR-RE- M2XCH - 3P0.75	3x2x0.75	0.5	1.8	14.6	280
M092FR-RE- M2XCH - 4P0.75	4x2x0.75	0.5	1.8	15.4	320
M092FR-RE- M2XCH - 5P0.75	5x2x0.75	0.5	1.9	17.2	390
M092FR-RE- M2XCH - 6P0.75	6x2x0.75	0.5	1.9	18.3	440
M092FR-RE- M2XCH - 7P0.75	7x2x0.75	0.5	1.9	18.3	460
M092FR-RE- M2XCH - 8P0.75	8x2x0.75	0.5	2.0	19.6	520
M092FR-RE- M2XCH - 10P0.75	10x2x0.75	0.5	2.0	21.7	620
M092FR-RE- M2XCH - 12P0.75	12x2x0.75	0.5	2.1	22.8	700
M092FR-RE- M2XCH - 14P0.75	14x2x0.75	0.5	2.1	23.6	770
M092FR-RE- M2XCH - 16P0.75	16x2x0.75	0.5	2.2	25.4	870
M092FR-RE- M2XCH - 19P0.75	19x2x0.75	0.5	2.2	27.0	990
M092FR-RE- M2XCH - 20P0.75	20x2x0.75	0.5	2.2	27.0	1010

M092FR-RE- M2XCH - 24P0.75	24x2x0.75	0.5	2.4	30.9	1240
M092FR-RE- M2XCH - 30P0.75	30x2x0.75	0.5	2.5	33.5	1480
M092FR-RE- M2XCH - 37P0.75	37x2x0.75	0.5	2.6	35.9	1730
M092FR-RE- M2XCH - 1P1.0	1x2x1.0	0.5	1.3	9.5	130
M092FR-RE- M2XCH - 2P1.0	2x2x1.0	0.5	1.3	10.7	170
M092FR-RE- M2XCH - 3P1.0	3x2x1.0	0.5	1.8	15.3	320
M092FR-RE- M2XCH - 4P1.0	4x2x1.0	0.5	1.8	16.2	360
M092FR-RE- M2XCH - 5P1.0	5x2x1.0	0.5	1.9	18.1	440
M092FR-RE- M2XCH - 6P1.0	6x2x1.0	0.5	2.0	19.5	510
M092FR-RE- M2XCH - 7P1.0	7x2x1.0	0.5	2.0	19.5	530
M092FR-RE- M2XCH - 8P1.0	8x2x1.0	0.5	2.0	20.7	590
M092FR-RE- M2XCH - 10P1.0	10x2x1.0	0.5	2.1	23.2	730
M092FR-RE- M2XCH - 12P1.0	12x2x1.0	0.5	2.1	24.1	810

M092FR-RE- M2XCH - 14P1.0	14x2x1.0	0.5	2.2	25.1	900
M092FR-RE- M2XCH- 16P1.0	16x2x1.0	0.5	2.2	26.9	1010
M092FR-RE- M2XCH - 19P1.0	19x2x1.0	0.5	2.3	28.8	1160
M092FR-RE- M2XCH - 20P1.0	20x2x1.0	0.5	2.3	28.8	1190
M092FR-RE- M2XCH - 24P1.0	24x2x1.0	0.5	2.5	33.0	1460
M092FR-RE- M2XCH - 30P1.0	30x2x1.0	0.5	2.6	35.8	1740
M092FR-RE- M2XCH - 37P1.0	37x2x1.0	0.5	2.9	38.8	2140
M092FR-RE- M2XCH - 1P1.5	1x2x1.5	0.6	1.3	10.5	160
M092FR-RE- M2XCH - 2P1.5	2x2x1.5	0.6	1.4	12.1	220
M092FR-RE- M2XCH - 3P1.5	3x2x1.5	0.6	1.9	17.4	400
M092FR-RE- M2XCH - 4P1.5	4x2x1.5	0.6	1.9	18.4	470
M092FR-RE- M2XCH - 5P1.5	5x2x1.5	0.6	2.0	20.6	570
M092FR-RE- M2XCH - 6P1.5	6x2x1.5	0.6	2.1	22.2	660

M092FR-RE- M2XCH - 7P1.5	7x2x1.5	0.6	2.1	22.2	700
M092FR-RE- M2XCH - 8P1.5	8x2x1.5	0.6	2.1	23.6	780
M092FR-RE- M2XCH - 10P1.5	10x2x1.5	0.6	2.2	26.5	950
M092FR-RE- M2XCH - 12P1.5	12x2x1.5	0.6	2.3	27.7	1070
M092FR-RE- M2XCH - 14P1.5	14x2x1.5	0.6	2.3	28.7	1180
M092FR-RE- M2XCH - 16P1.5	16x2x1.5	0.6	2.4	31.0	1350
M092FR-RE- M2XCH - 19P1.5	19x2x1.5	0.6	2.5	33.2	1560
M092FR-RE- M2XCH - 20P1.5	20x2x1.5	0.6	2.5	33.2	1590
M092FR-RE- M2XCH - 24P1.5	24x2x1.5	0.6	2.9	38.5	2060
M092FR-RE- M2XCH - 30P1.5	30x2x1.5	0.6	3.0	41.8	2450
M092FR-RE- M2XCH - 37P1.5	37x2x1.5	0.6	3.1	44.7	2880
M092FR-RE- M2XCH - 1T0.75	1x3x0.75	0.5	1.3	9.5	130
M092FR-RE- M2XCH - 2T0.75	2x3x0.75	0.5	1.8	14.9	290

M092FR-RE- M2XCH - 3T0.75	3x3x0.75	0.5	1.8	15.7	340
M092FR-RE- M2XCH - 4T0.75	4x3x0.75	0.5	1.9	17.2	410
M092FR-RE- M2XCH - 5T0.75	5x3x0.75	0.5	1.9	18.8	480
M092FR-RE- M2XCH - 6T0.75	6x3x0.75	0.5	2.0	21.2	590
M092FR-RE- M2XCH - 7T0.75	7x3x0.75	0.5	2.0	21.2	620
M092FR-RE- M2XCH - 8T0.75	8x3x0.75	0.5	2.1	22.8	700
M092FR-RE- M2XCH - 10T0.75	10x3x0.75	0.5	2.2	25.7	860
M092FR-RE- M2XCH - 12T0.75	12x3x0.75	0.5	2.2	27.0	970
M092FR-RE- M2XCH - 14T0.75	14x3x0.75	0.5	2.3	28.3	1080
M092FR-RE- M2XCH- 16T0.75	16x3x0.75	0.5	2.3	29.9	1200
M092FR-RE- M2XCH- 19T0.75	19x3x0.75	0.5	2.4	32.3	1390
M092FR-RE- M2XCH - 20T0.75	20x3x0.75	0.5	2.5	33.0	1460
M092FR-RE- M2XCH - 24T0.75	24x3x0.75	0.5	2.6	35.9	1710

M092FR-RE- M2XCH - 30T0.75	30x3x0.75	0.5	2.9	40.1	2170
M092FR-RE- M2XCH - 32T0.75	32x3x0.75	0.5	3.0	41.7	2320
M092FR-RE- M2XCH - 1T1.0	1x3x1.0	0.5	1.3	9.9	150
M092FR-RE- M2XCH - 2T1.0	2x3x1.0	0.5	1.8	15.6	320
M092FR-RE- M2XCH - 3T1.0	3x3x1.0	0.5	1.8	16.5	380
M092FR-RE- M2XCH - 4T1.0	4x3x1.0	0.5	1.9	18.1	470
M092FR-RE- M2XCH - 5T1.0	5x3x1.0	0.5	2.0	20.1	560
M092FR-RE- M2XCH - 6T1.0	6x3x1.0	0.5	2.1	22.6	680
M092FR-RE- M2XCH - 7T1.0	7x3x1.0	0.5	2.1	22.6	720
M092FR-RE- M2XCH - 8T1.0	8x3x1.0	0.5	2.1	24.1	810
M092FR-RE- M2XCH - 10T1.0	10x3x1.0	0.5	2.2	27.2	990
M092FR-RE- M2XCH - 12T1.0	12x3x1.0	0.5	2.3	28.8	1130
M092FR-RE- M2XCH - 14T1.0	14x3x1.0	0.5	2.3	30.0	1260

M092FR-RE- M2XCH - 16T1.0	16x3x1.0	0.5	2.4	31.9	1410
M092FR-RE- M2XCH- 19T1.0	19x3x1.0	0.5	2.5	34.4	1640
M092FR-RE- M2XCH - 20T1.0	20x3x1.0	0.5	2.5	35.0	1700
M092FR-RE- M2XCH - 24T1.0	24x3x1.0	0.5	2.9	38.8	2110
M092FR-RE- M2XCH- 30T1.0	30x3x1.0	0.5	3.0	42.8	2560
M092FR-RE- M2XCH - 32T1.0	32x3x1.0	0.5	3.1	44.4	2730
M092FR-RE- M2XCH - 1T1.5	1x3x1.5	0.6	1.3	11.0	180
M092FR-RE- M2XCH - 2T1.5	2x3x1.5	0.6	1.9	17.7	410
M092FR-RE- M2XCH - 3T1.5	3x3x1.5	0.6	1.9	18.7	490
M092FR-RE- M2XCH-4T1.5	4x3x1.5	0.6	2.0	20.6	610
M092FR-RE- M2XCH - 5T1.5	5x3x1.5	0.6	2.1	22.9	740
M092FR-RE- M2XCH - 6T1.5	6x3x1.5	0.6	2.2	25.8	890
M092FR-RE- M2XCH - 7T1.5	7x3x1.5	0.6	2.2	25.8	950
M092FR-RE- M2XCH - 8T1.5	8x3x1.5	0.6	2.3	27.7	1070

M092FR-RE- M2XCH - 10T1.5	10x3x1.5	0.6	2.4	31.3	1320
M092FR-RE- M2XCH - 12T1.5	12x3x1.5	0.6	2.5	33.2	1520
M092FR-RE- M2XCH - 14T1.5	14x3x1.5	0.6	2.5	34.6	1690
M092FR-RE- M2XCH - 16T1.5	16x3x1.5	0.6	2.8	37.3	1990
M092FR-RE- M2XCH - 19T1.5	19x3x1.5	0.6	2.9	40.3	2310
M092FR-RE- M2XCH - 20T1.5	20x3x1.5	0.6	3.0	41.1	2420
M092FR-RE- M2XCH - 24T1.5	24x3x1.5	0.6	3.1	44.7	2840
M092FR-RE- M2XCH - 30T1.5	30x3x1.5	0.6	3.3	49.5	3460
M092FR-RE- M2XCH - 32T1.5	32x3x1.5	0.6	3.3	51.2	3670

*: 2 pairs are assembled as a quad.