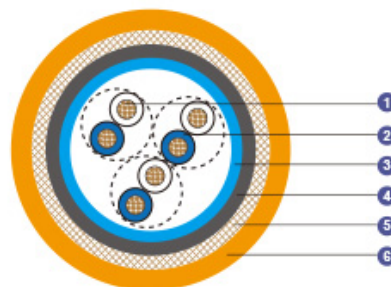


150/250V Mica Tape + XLPE Insulated, LSOH (SHF1) Sheathed, Overall Screened & Armoured Fire Resistant Instrumentation & Control Cables



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 insulation.
Cabling Element	Pair/Triple.
Overall Screen	Al/polyester tape.
Drain Wire	Tinned copper wire.
Inner Covering	Lapped polyester tape.
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°C ~ +80°C

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
MFR- M2X(St)CH- 1P0.75	1×2×0.75	0.5	1.1	9.3	120
MFR- M2X(St)CH- 2P0.75	2×2×0.75*	0.5	1.1	10.5	160
MFR- M2X(St)CH- 3P0.75	3×2×0.75	0.5	1.3	14.8	260
MFR- M2X(St)CH- 4P0.75	4×2×0.75	0.5	1.3	15.6	300
MFR- M2X(St)CH- 7P0.75	7×2×0.75	0.5	1.4	18.6	430
MFR- M2X(St)CH- 8P0.75	8×2×0.75	0.5	1.5	19.9	480
MFR- M2X(St)CH- 10P0.75	10×2×0.75	0.5	1.6	22.4	580
MFR- M2X(St)CH- 12P0.75	12×2×0.75	0.5	1.6	23.2	640
MFR- M2X(St)CH- 14P0.75	14×2×0.75	0.5	1.6	24.0	710
MFR- M2X(St)CH- 16P0.75	16×2×0.75	0.5	1.7	25.9	800
MFR- M2X(St)CH- 19P0.75	19×2×0.75	0.5	1.7	27.0	890
MFR- M2X(St)CH- 24P0.75	24×2×0.75	0.5	1.9	30.8	1110

MFR- M2X(St)CH- 30P0.75	30x2x0.75	0.5	2.0	34.4	1350
MFR- M2X(St)CH- 32P0.75	32x2x0.75	0.5	2.0	34.9	1410
MFR- M2X(St)CH- 37P0.75	37x2x0.75	0.5	2.1	37.3	1680
MFR- M2X(St)CH- 1P1.0	1x2x1.0	0.5	1.1	9.7	130
MFR- M2X(St)CH- 2P1.0	2x2x1.0*	0.5	1.1	10.9	170
MFR- M2X(St)CH- 3P1.0	3x2x1.0	0.5	1.3	15.5	300
MFR- M2X(St)CH- 4P1.0	4x2x1.0	0.5	1.3	16.4	340
MFR- M2X(St)CH- 7P1.0	7x2x1.0	0.5	1.5	19.8	500
MFR- M2X(St)CH- 8P1.0	8x2x1.0	0.5	1.5	21.0	560
MFR- M2X(St)CH- 10P1.0	10x2x1.0	0.5	1.6	23.6	660
MFR- M2X(St)CH- 12P1.0	12x2x1.0	0.5	1.6	24.5	740
MFR- M2X(St)CH- 14P1.0	14x2x1.0	0.5	1.7	25.6	830
MFR- M2X(St)CH- 16P1.0	16x2x1.0	0.5	1.8	27.6	940

MFR-M2X(St)CH-19P1.0	19x2x1.0	0.5	1.8	28.8	1060
MFR-M2X(St)CH-24P1.0	24x2x1.0	0.5	1.9	32.6	1300
MFR-M2X(St)CH-30P1.0	30x2x1.0	0.5	2.1	37.1	1690
MFR-M2X(St)CH-32P1.0	32x2x1.0	0.5	2.1	37.7	1770
MFR-M2X(St)CH-37P1.0	37x2x1.0	0.5	2.2	39.7	1990
MFR-M2X(St)CH-1P1.5	1x2x1.5	0.6	1.1	10.5	150
MFR-M2X(St)CH-2P1.5	2x2x1.5*	0.6	1.2	12.1	220
MFR-M2X(St)CH-3P1.5	3x2x1.5	0.6	1.4	17.2	360
MFR-M2X(St)CH-4P1.5	4x2x1.5	0.6	1.4	18.2	420
MFR-M2X(St)CH-7P1.5	7x2x1.5	0.6	1.5	21.8	620
MFR-M2X(St)CH-8P1.5	8x2x1.5	0.6	1.6	23.4	700
MFR-M2X(St)CH-10P1.5	10x2x1.5	0.6	1.7	26.3	840
MFR-M2X(St)CH-12P1.5	12x2x1.5	0.6	1.7	27.3	940

MFR- M2X(St)CH- 14P1.5	14x2x1.5	0.6	1.8	28.5	1060
MFR- M2X(St)CH- 16P1.5	16x2x1.5	0.6	1.9	30.8	1200
MFR- M2X(St)CH- 19P1.5	19x2x1.5	0.6	1.9	32.1	1350
MFR- M2X(St)CH- 24P1.5	24x2x1.5	0.6	2.1	37.1	1780
MFR- M2X(St)CH- 30P1.5	30x2x1.5	0.6	2.3	41.6	2180
MFR- M2X(St)CH- 32P1.5	32x2x1.5	0.6	2.3	42.3	2280
MFR- M2X(St)CH- 37P1.5	37x2x1.5	0.6	2.4	44.5	2570
MFR- M2X(St)CH- 1T0.75	1x3x0.75	0.5	1.1	9.7	130
MFR- M2X(St)CH- 2T0.75	2x3x0.75	0.5	1.3	15.0	270
MFR- M2X(St)CH- 3T0.75	3x3x0.75	0.5	1.3	15.8	320
MFR- M2X(St)CH- 4T0.75	4x3x0.75	0.5	1.4	17.4	390
MFR- M2X(St)CH- 7T0.75	7x3x0.75	0.5	1.5	21.5	590
MFR- M2X(St)CH- 8T0.75	8x3x0.75	0.5	1.6	23.1	660

MFR- M2X(St)CH- 10T0.75	10x3x0.75	0.5	1.7	26.1	790
MFR- M2X(St)CH- 12T07.5	12x3x0.75	0.5	1.8	27.7	900
MFR- M2X(St)CH- 14T0.75	14x3x0.75	0.5	1.8	28.8	1000
MFR- M2X(St)CH- 16T0.75	16x3x0.75	0.5	1.9	30.7	1130
MFR- M2X(St)CH- 19T0.75	19x3x0.75	0.5	2.0	33.1	1300
MFR- M2X(St)CH- 24T0.75	24x3x0.75	0.5	2.1	37.1	1680
MFR- M2X(St)CH- 30T0.75	30x3x0.75	0.5	2.3	41.1	2040
MFR- M2X(St)CH- 32T0.75	32x3x0.75	0.5	2.3	42.5	2150
MFR- M2X(St)CH- 37T0.75	37x3x0.75	0.5	2.4	44.7	2420
MFR- M2X(St)CH- 1T1.0	1x3x1.0	0.5	1.1	10.2	150
MFR- M2X(St)CH- 2T1.0	2x3x1.0	0.5	1.3	15.9	310
MFR- M2X(St)CH- 3T1.0	3x3x1.0	0.5	1.4	17.0	380
MFR- M2X(St)CH- 4T1.0	4x3x1.0	0.5	1.4	18.5	450

MFR-M2X(St)CH-7T1.0	7x3x1.0	0.5	1.6	23.1	690
MFR-M2X(St)CH-8T1.0	8x3x1.0	0.5	1.6	24.6	770
MFR-M2X(St)CH-10T1.0	10x3x1.0	0.5	1.8	28.0	930
MFR-M2X(St)CH-12T1.0	12x3x1.0	0.5	1.8	29.5	1050
MFR-M2X(St)CH-14T1.0	14x3x1.0	0.5	1.9	30.9	1190
MFR-M2X(St)CH-16T1.0	16x3x1.0	0.5	1.9	32.7	1320
MFR-M2X(St)CH-19T1.0	19x3x1.0	0.5	2.0	35.4	1530
MFR-M2X(St)CH-24T1.0	24x3x1.0	0.5	2.2	39.9	1990
MFR-M2X(St)CH-30T1.0	30x3x1.0	0.5	2.4	44.2	2420
MFR-M2X(St)CH-32T1.0	32x3x1.0	0.5	2.4	45.7	2560
MFR-M2X(St)CH-37T1.0	37x3x1.0	0.5	2.5	48.0	2870
MFR-M2X(St)CH-1T1.5	1x3x1.5	0.6	1.1	11.0	180
MFR-M2X(St)CH-2T1.5	2x3x1.5	0.6	1.4	17.5	370

MFR- M2X(St)CH- 3T1.5	3x3x1.5	0.6	1.4	18.5	450
MFR- M2X(St)CH- 4T1.5	4x3x1.5	0.6	1.5	20.4	560
MFR- M2X(St)CH- 7T1.5	7x3x1.5	0.6	1.7	25.5	870
MFR- M2X(St)CH- 8T1.5	8x3x1.5	0.6	1.7	27.2	970
MFR- M2X(St)CH- 10T1.5	10x3x1.5	0.6	1.9	31.0	1170
MFR- M2X(St)CH- 12T1.5	12x3x1.5	0.6	1.9	32.7	1340
MFR- M2X(St)CH- 14T1.5	14x3x1.5	0.6	2.0	34.3	1510
MFR- M2X(St)CH- 16T1.5	16x3x1.5	0.6	2.1	37.0	1800
MFR- M2X(St)CH- 19T1.5	19x3x1.5	0.6	2.2	39.9	2080
MFR- M2X(St)CH- 24T1.5	24x3x1.5	0.6	2.4	44.4	2560
MFR- M2X(St)CH- 30T1.5	30x3x1.5	0.6	2.6	49.2	3110
MFR- M2X(St)CH- 32T1.5	32x3x1.5	0.6	2.6	50.9	3300
MFR- M2X(St)CH- 37T1.5	37x3x1.5	0.6	2.7	53.4	3710