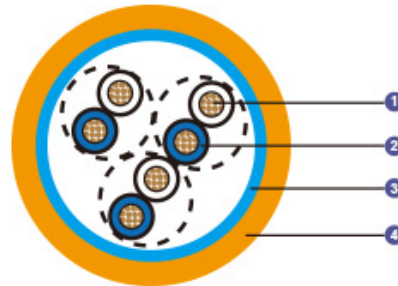


150/250V Mica Tape + XLPE Insulated, LSOH (SHF1) Sheathed, Overall Screened Fire Resistant Instrumentation & Control Cables (Multipair/Multitriples)



Application	These cables are used on board of ships in all locations for fixed installations not subject to mechanical risk 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/Triple.
Overall Screen	Al/polyester tape.
Drain Wire	Tinned copper wire.
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 (OD>25mm); 4×OD (OD ≤25mm) 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)H- 1P0.75	1×2×0.75	0.5	1.0	8.1	70

MFR- M2X(St)H- 2P0.75	2×2×0.75*	0.5	1.1	9.5	110
MFR- M2X(St)H- 3P0.75	3×2×0.75	0.5	1.2	13.3	170
MFR- M2X(St)H- 4P0.75	4×2×0.75	0.5	1.3	14.3	210
MFR- M2X(St)H- 7P0.75	7×2×0.75	0.5	1.4	17.3	320
MFR- M2X(St)H- 8P0.75	8×2×0.75	0.5	1.4	18.4	360
MFR- M2X(St)H- 10P0.75	10×2×0.75	0.5	1.5	20.9	430
MFR- M2X(St)H- 12P0.75	12×2×0.75	0.5	1.5	21.7	490
MFR- M2X(St)H- 14P0.75	14×2×0.75	0.5	1.6	22.7	560
MFR- M2X(St)H- 16P0.75	16×2×0.75	0.5	1.6	24.4	630
MFR- M2X(St)H- 19P0.75	19×2×0.75	0.5	1.7	25.7	730
MFR- M2X(St)H- 24P0.75	24×2×0.75	0.5	1.8	29.3	910
MFR- M2X(St)H- 30P0.75	30×2×0.75	0.5	2.0	33.1	1140
MFR- M2X(St)H- 32P0.75	32×2×0.75	0.5	2.0	33.6	1190

MFR-M2X(St)H-37P0.75	37×2×0.75	0.5	2.0	35.3	1340
MFR-M2X(St)H-1P1.0	1×2×1.0	0.5	1.1	8.7	90
MFR-M2X(St)H-2P1.0	2×2×1.0*	0.5	1.1	9.9	130
MFR-M2X(St)H-3P1.0	3×2×1.0	0.5	1.3	14.2	200
MFR-M2X(St)H-4P1.0	4×2×1.0	0.5	1.3	15.1	240
MFR-M2X(St)H-7P1.0	7×2×1.0	0.5	1.4	18.3	370
MFR-M2X(St)H-8P1.0	8×2×1.0	0.5	1.5	19.7	430
MFR-M2X(St)H-10P1.0	10×2×1.0	0.5	1.6	22.3	520
MFR-M2X(St)H-12P1.0	12×2×1.0	0.5	1.6	23.2	590
MFR-M2X(St)H-14P1.0	14×2×1.0	0.5	1.6	24.1	660
MFR-M2X(St)H-16P1.0	16×2×1.0	0.5	1.7	26.1	760
MFR-M2X(St)H-19P1.0	19×2×1.0	0.5	1.7	27.3	860
MFR-M2X(St)H-24P1.0	24×2×1.0	0.5	1.9	31.3	1100

MFR- M2X(St)H- 30P1.0	30×2×1.0	0.5	2.0	35.1	1350
MFR- M2X(St)H- 32P1.0	32×2×1.0	0.5	2.1	35.9	1440
MFR- M2X(St)H- 37P1.0	37×2×1.0	0.5	2.1	37.7	1620
MFR- M2X(St)H- 1P1.5	1×2×1.5	0.6	1.1	9.5	100
MFR- M2X(St)H- 2P1.5	2×2×1.5*	0.6	1.1	10.9	160
MFR- M2X(St)H- 3P1.5	3×2×1.5	0.6	1.3	15.7	250
MFR- M2X(St)H- 4P1.5	4×2×1.5	0.6	1.4	16.9	310
MFR- M2X(St)H- 7P1.5	7×2×1.5	0.6	1.5	20.5	490
MFR- M2X(St)H- 8P1.5	8×2×1.5	0.6	1.5	21.9	550
MFR- M2X(St)H- 10P1.5	10×2×1.5	0.6	1.7	25.0	670
MFR- M2X(St)H- 12P1.5	12×2×1.5	0.6	1.7	26.0	770
MFR- M2X(St)H- 14P1.5	14×2×1.5	0.6	1.7	27.0	870
MFR- M2X(St)H- 16P1.5	16×2×1.5	0.6	1.8	29.3	990

MFR- M2X(St)H- 19P1.5	19×2×1.5	0.6	1.9	30.8	1150
MFR- M2X(St)H- 24P1.5	24×2×1.5	0.6	2.0	35.1	1440
MFR- M2X(St)H- 30P1.5	30×2×1.5	0.6	2.2	39.6	1790
MFR- M2X(St)H- 32P1.5	32×2×1.5	0.6	2.2	40.3	1890
MFR- M2X(St)H- 37P1.5	37×2×1.5	0.6	2.3	42.5	2160
MFR- M2X(St)H- 1T0.75	1×3×0.75	0.5	1.1	8.7	90
MFR- M2X(St)H- 2T0.75	2×3×0.75	0.5	1.2	13.5	180
MFR- M2X(St)H- 3T0.75	3×3×0.75	0.5	1.3	14.5	230
MFR- M2X(St)H- 4T0.75	4×3×0.75	0.5	1.3	15.9	280
MFR- M2X(St)H- 7T0.75	7×3×0.75	0.5	1.5	20.2	460
MFR- M2X(St)H- 8T0.75	8×3×0.75	0.5	1.5	21.6	510
MFR- M2X(St)H- 10T0.75	10×3×0.75	0.5	1.6	24.6	620
MFR- M2X(St)H- 12T0.75	12×3×0.75	0.5	1.7	26.2	720

MFR- M2X(St)H- 14T0.75	14×3×0.75	0.5	1.7	27.3	810
MFR- M2X(St)H- 16T0.75	16×3×0.75	0.5	1.8	29.2	920
MFR- M2X(St)H- 19T0.75	19×3×0.75	0.5	1.9	31.6	1080
MFR- M2X(St)H- 24T0.75	24×3×0.75	0.5	2.0	35.1	1340
MFR- M2X(St)H- 30T0.75	30×3×0.75	0.5	2.2	39.1	1660
MFR- M2X(St)H- 32T0.75	32×3×0.75	0.5	2.2	40.5	1760
MFR- M2X(St)H- 37T0.75	37×3×0.75	0.5	2.3	42.7	2000
MFR- M2X(St)H- 1T1.0	1×3×1.0	0.5	1.1	9.2	110
MFR- M2X(St)H- 2T1.0	2×3×1.0	0.5	1.3	14.6	210
MFR- M2X(St)H- 3T1.0	3×3×1.0	0.5	1.3	15.5	270
MFR- M2X(St)H- 4T1.0	4×3×1.0	0.5	1.4	17.2	340
MFR- M2X(St)H- 7T1.0	7×3×1.0	0.5	1.5	21.6	540
MFR- M2X(St)H- 8T1.0	8×3×1.0	0.5	1.6	23.3	620

MFR- M2X(St)H- 10T1.0	10×3×1.0	0.5	1.7	26.5	740
MFR- M2X(St)H- 12T1.0	12×3×1.0	0.5	1.8	28.2	870
MFR- M2X(St)H- 14T1.0	14×3×1.0	0.5	1.8	29.4	980
MFR- M2X(St)H- 16T1.0	16×3×1.0	0.5	1.9	31.4	1110
MFR- M2X(St)H- 19T1.0	19×3×1.0	0.5	2.0	34.1	1310
MFR- M2X(St)H- 24T1.0	24×3×1.0	0.5	2.1	37.9	1620
MFR- M2X(St)H- 30T1.0	30×3×1.0	0.5	2.3	42.2	2010
MFR- M2X(St)H- 32T1.0	32×3×1.0	0.5	2.4	43.9	2150
MFR- M2X(St)H- 37T1.0	37×3×1.0	0.5	2.4	46.0	2430
MFR- M2X(St)H- 1T1.5	1×3×1.5	0.6	1.1	10.0	130
MFR- M2X(St)H- 2T1.5	2×3×1.5	0.6	1.3	16.0	260
MFR- M2X(St)H- 3T1.5	3×3×1.5	0.6	1.4	17.2	340
MFR- M2X(St)H- 4T1.5	4×3×1.5	0.6	1.4	18.9	430

MFR- M2X(St)H- 7T1.5	7×3×1.5	0.6	1.6	24.0	700
MFR- M2X(St)H- 8T1.5	8×3×1.5	0.6	1.7	25.9	800
MFR- M2X(St)H- 10T1.5	10×3×1.5	0.6	1.8	29.5	970
MFR- M2X(St)H- 12T1.5	12×3×1.5	0.6	1.9	31.4	1130
MFR- M2X(St)H- 14T1.5	14×3×1.5	0.6	2.0	33.0	1300
MFR- M2X(St)H- 16T1.5	16×3×1.5	0.6	2.0	35.0	1460
MFR- M2X(St)H- 19T1.5	19×3×1.5	0.6	2.1	37.9	1710
MFR- M2X(St)H- 24T1.5	24×3×1.5	0.6	2.3	42.4	2140
MFR- M2X(St)H- 30T1.5	30×3×1.5	0.6	2.5	47.2	2660
MFR- M2X(St)H- 32T1.5	32×3×1.5	0.6	2.5	48.9	2820
MFR- M2X(St)H- 37T1.5	37×3×1.5	0.6	2.6	51.4	3210