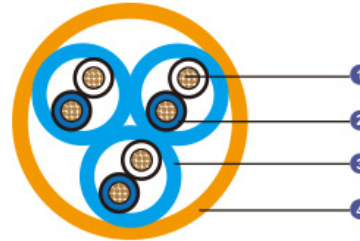


**150/250V Mica Tape + XLPE Insulated, LSOH (SHF1) Sheathed, Individual Screened
Fire Resistant Instrumentation & Control Cables (Multipair/Multitriples)**



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.
Individual 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(mm ²)	Nominal Insulation Thickness mm	Nominal Sheath Thickness mm	Nominal Overall Diameter mm	Nominal Weight kg/km
MFR-M2XH PiMF-1P0.75	1×2×0.75	0.5	1.0	7.9	80

MFR-M2XH PiMF-2P0.75	2×2×0.75	0.5	1.2	12.4	170
MFR-M2XH PiMF-3P0.75	3×2×0.75	0.5	1.2	13.2	210
MFR-M2XH PiMF-4P0.75	4×2×0.75	0.5	1.3	14.3	260
MFR-M2XH PiMF-5P0.75	5×2×0.75	0.5	1.3	16.0	320
MFR-M2XH PiMF-6P0.75	6×2×0.75	0.5	1.4	17.4	380
MFR-M2XH PiMF-7P0.75	7×2×0.75	0.5	1.4	17.4	410
MFR-M2XH PiMF-8P0.75	8×2×0.75	0.5	1.4	18.5	460
MFR-M2XH PiMF- 10P0.75	10×2×0.75	0.5	1.5	21.0	570
MFR-M2XH PiMF- 12P0.75	12×2×0.75	0.5	1.5	21.8	650
MFR-M2XH PiMF- 14P0.75	14×2×0.75	0.5	1.6	22.9	740
MFR-M2XH PiMF- 16P0.75	16×2×0.75	0.5	1.6	24.6	840
MFR-M2XH PiMF- 19P0.75	19×2×0.75	0.5	1.7	26.5	980
MFR-M2XH PiMF- 20P0.75	20×2×0.75	0.5	1.7	26.5	1010
MFR-M2XH PiMF- 24P0.75	24×2×0.75	0.5	1.9	30.6	1260
MFR-M2XH PiMF- 30P0.75	30×2×0.75	0.5	2.0	33.4	1530
MFR-M2XH PiMF- 37P0.75	37×2×0.75	0.5	2.1	35.9	1830

MFR-M2XH PiMF-1P1.0	1×2×1.0	0.5	1.0	8.3	90
MFR-M2XH PiMF-2P1.0	2×2×1.0	0.5	1.2	13.1	200
MFR-M2XH PiMF-3P1.0	3×2×1.0	0.5	1.3	14.2	250
MFR-M2XH PiMF-4P1.0	4×2×1.0	0.5	1.3	15.1	310
MFR-M2XH PiMF-5P1.0	5×2×1.0	0.5	1.4	17.1	380
MFR-M2XH PiMF-6P1.0	6×2×1.0	0.5	1.4	18.4	440
MFR-M2XH PiMF-7P1.0	7×2×1.0	0.5	1.4	18.4	480
MFR-M2XH PiMF-8P1.0	8×2×1.0	0.5	1.5	19.8	550
MFR-M2XH PiMF-10P1.0	10×2×1.0	0.5	1.6	22.4	690
MFR-M2XH PiMF-12P1.0	12×2×1.0	0.5	1.6	23.3	780
MFR-M2XH PiMF-14P1.0	14×2×1.0	0.5	1.6	24.2	880
MFR-M2XH PiMF-16P1.0	16×2×1.0	0.5	1.7	26.3	1020
MFR-M2XH PiMF-19P1.0	19×2×1.0	0.5	1.8	28.3	1190
MFR-M2XH PiMF-20P1.0	20×2×1.0	0.5	1.8	28.3	1230
MFR-M2XH PiMF-24P1.0	24×2×1.0	0.5	1.9	32.5	1510
MFR-M2XH PiMF-30P1.0	30×2×1.0	0.5	2.0	35.4	1840
MFR-M2XH PiMF-37P1.0	37×2×1.0	0.5	2.1	38.1	2210
MFR-M2XH TiMF-1T0.75	1×3×0.75	0.5	1.0	8.3	100
MFR-M2XH TiMF-2T0.75	2×3×0.75	0.5	1.2	13.5	210
MFR-M2XH TiMF-3T0.75	3×3×0.75	0.5	1.3	14.5	270

MFR-M2XH TiMF-4T0.75	4×3×0.75	0.5	1.3	16.0	330
MFR-M2XH TiMF-5T0.75	5×3×0.75	0.5	1.4	17.9	410
MFR-M2XH TiMF-6T0.75	6×3×0.75	0.5	1.5	20.3	500
MFR-M2XH TiMF-7T0.75	7×3×0.75	0.5	1.5	20.3	540
MFR-M2XH TiMF-8T0.75	8×3×0.75	0.5	1.5	21.8	620
MFR-M2XH TiMF- 10T0.75	10×3×0.75	0.5	1.7	25.0	780
MFR-M2XH TiMF- 12T0.75	12×3×0.75	0.5	1.7	26.4	900
MFR-M2XH TiMF- 14T0.75	14×3×0.75	0.5	1.8	27.7	1020
MFR-M2XH TiMF- 16T0.75	16×3×0.75	0.5	1.8	29.5	1160
MFR-M2XH TiMF- 19T0.75	19×3×0.75	0.5	1.9	32.0	1360
MFR-M2XH TiMF- 20T0.75	20×3×0.75	0.5	1.9	32.5	1420
MFR-M2XH TiMF- 24T0.75	24×3×0.75	0.5	2.1	35.7	1700
MFR-M2XH TiMF- 30T0.75	30×3×0.75	0.5	2.2	39.6	2100
MFR-M2XH TiMF- 32T0.75	32×3×0.75	0.5	2.3	41.2	2250
MFR-M2XH TiMF-1T1.0	1×3×1.0	0.5	1.1	8.9	120
MFR-M2XH TiMF-2T1.0	2×3×1.0	0.5	1.3	14.4	250

MFR-M2XH TiMF-3T1.0	3×3×1.0	0.5	1.3	15.4	310
MFR-M2XH TiMF-4T1.0	4×3×1.0	0.5	1.4	17.1	400
MFR-M2XH TiMF-5T1.0	5×3×1.0	0.5	1.4	18.9	480
MFR-M2XH TiMF-6T1.0	6×3×1.0	0.5	1.5	21.5	590
MFR-M2XH TiMF-7T1.0	7×3×1.0	0.5	1.5	21.5	640
MFR-M2XH TiMF-8T1.0	8×3×1.0	0.5	1.6	23.3	740
MFR-M2XH TiMF-10T1.0	10×3×1.0	0.5	1.7	26.5	930
MFR-M2XH TiMF-12T1.0	12×3×1.0	0.5	1.8	28.2	1090
MFR-M2XH TiMF-14T1.0	14×3×1.0	0.5	1.8	29.4	1220
MFR-M2XH TiMF-16T1.0	16×3×1.0	0.5	1.9	31.5	1400
MFR-M2XH TiMF-19T1.0	19×3×1.0	0.5	2.0	34.1	1640
MFR-M2XH TiMF-20T1.0	20×3×1.0	0.5	2.0	34.7	1710
MFR-M2XH TiMF-24T1.0	24×3×1.0	0.5	2.1	37.9	2040
MFR-M2XH TiMF-30T1.0	30×3×1.0	0.5	2.3	42.3	2540
MFR-M2XH TiMF-32T1.0	32×3×1.0	0.5	2.4	44.0	2720