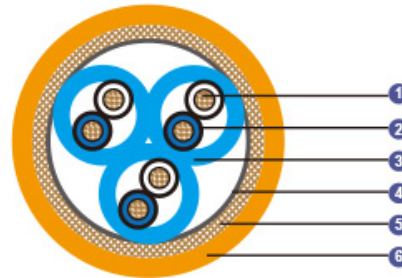


**150/250V Mica Tape + XLPE Insulated, LSOH (SHF1) Sheathed, Individual Screened & Armoured
Fire Resistant Instrumentation & Control Cables (Multipair/Multitriple)**



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/Triple.
Individual 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(mm ²)	Nominal Insulation Thickness mm	Nominal Sheath Thickness mm	Nominal Overall Diameter mm	Nominal Weight kg/km
MFR-M2XCH PiMF-1P0.75	1×2×0.75	0.5	1.3	9.3	130
MFR-M2XCH PiMF-2P0.75	2×2×0.75	0.5	1.4	13.6	230
MFR-M2XCH PiMF-3P0.75	3×2×0.75	0.5	1.8	15.1	320
MFR-M2XCH PiMF-4P0.75	4×2×0.75	0.5	1.8	16.0	370
MFR-M2XCH PiMF-5P0.75	5×2×0.75	0.5	1.9	17.9	450
MFR-M2XCH PiMF-6P0.75	6×2×0.75	0.5	1.9	19.1	510
MFR-M2XCH PiMF-7P0.75	7×2×0.75	0.5	1.9	19.1	540
MFR-M2XCH PiMF-8P0.75	8×2×0.75	0.5	2.0	20.4	610
MFR-M2XCH PiMF- 10P0.75	10×2×0.75	0.5	2.1	22.9	740
MFR-M2XCH PiMF- 12P0.75	12×2×0.75	0.5	2.1	23.7	830
MFR-M2XCH PiMF- 14P0.75	14×2×0.75	0.5	2.1	24.6	910
MFR-M2XCH PiMF- 16P0.75	16×2×0.75	0.5	2.2	26.5	1040
MFR-M2XCH PiMF- 19P0.75	19×2×0.75	0.5	2.3	28.4	1200
MFR-M2XCH PiMF- 20P0.75	20×2×0.75	0.5	2.3	28.4	1230
MFR-M2XCH PiMF- 24P0.75	24×2×0.75	0.5	2.4	32.3	1490

MFR-M2XCH PiMF- 30P0.75	30x2x0.75	0.5	2.5	35.1	1790
MFR-M2XCH PiMF- 37P0.75	37x2x0.75	0.5	2.8	38.1	2200
MFR-M2XCH PiMF-1P1.0	1x2x1.0	0.5	1.3	9.7	140
MFR-M2XCH PiMF-2P1.0	2x2x1.0	0.5	1.8	15.0	300
MFR-M2XCH PiMF-3P1.0	3x2x1.0	0.5	1.8	15.9	360
MFR-M2XCH PiMF-4P1.0	4x2x1.0	0.5	1.9	17.0	430
MFR-M2XCH PiMF-5P1.0	5x2x1.0	0.5	1.9	18.8	510
MFR-M2XCH PiMF-6P1.0	6x2x1.0	0.5	2.0	20.3	600
MFR-M2XCH PiMF-7P1.0	7x2x1.0	0.5	2.0	20.3	630
MFR-M2XCH PiMF-8P1.0	8x2x1.0	0.5	2.0	21.5	700
MFR-M2XCH PiMF-10P1.0	10x2x1.0	0.5	2.1	24.1	860
MFR-M2XCH PiMF-12P1.0	12x2x1.0	0.5	2.2	25.2	980
MFR-M2XCH PiMF-14P1.0	14x2x1.0	0.5	2.2	26.1	1080
MFR-M2XCH PiMF-16P1.0	16x2x1.0	0.5	2.3	28.2	1230
MFR-M2XCH PiMF-19P1.0	19x2x1.0	0.5	2.3	30.0	1410
MFR-M2XCH PiMF-20P1.0	20x2x1.0	0.5	2.3	30.0	1450
MFR-M2XCH PiMF-24P1.0	24x2x1.0	0.5	2.5	34.4	1780
MFR-M2XCH PiMF-30P1.0	30x2x1.0	0.5	2.8	37.8	2220
MFR-M2XCH PiMF-37P1.0	37x2x1.0	0.5	2.9	40.5	2620

MFR-M2XCH PiMF-1P1.5	1x2x1.5	0.6	1.3	10.7	170
MFR-M2XCH PiMF-2P1.5	2x2x1.5	0.6	1.9	16.9	380
MFR-M2XCH PiMF-3P1.5	3x2x1.5	0.6	1.9	17.9	450
MFR-M2XCH PiMF-4P1.5	4x2x1.5	0.6	1.9	19.0	530
MFR-M2XCH PiMF-5P1.5	5x2x1.5	0.6	2.0	21.3	650
MFR-M2XCH PiMF-6P1.5	6x2x1.5	0.6	2.1	23.0	750
MFR-M2XCH PiMF-7P1.5	7x2x1.5	0.6	2.1	23.0	800
MFR-M2XCH PiMF-8P1.5	8x2x1.5	0.6	2.1	24.4	890
MFR-M2XCH PiMF-10P1.5	10x2x1.5	0.6	2.3	27.6	1110
MFR-M2XCH PiMF-12P1.5	12x2x1.5	0.6	2.3	28.7	1250
MFR-M2XCH PiMF-14P1.5	14x2x1.5	0.6	2.3	29.7	1380
MFR-M2XCH PiMF-16P1.5	16x2x1.5	0.6	2.4	32.1	1580
MFR-M2XCH PiMF-19P1.5	19x2x1.5	0.6	2.5	34.4	1820
MFR-M2XCH PiMF-20P1.5	20x2x1.5	0.6	2.5	34.4	1870
MFR-M2XCH PiMF-24P1.5	24x2x1.5	0.6	2.9	39.9	2400
MFR-M2XCH PiMF-30P1.5	30x2x1.5	0.6	3.0	43.3	2870
MFR-M2XCH PiMF-37P1.5	37x2x1.5	0.6	3.2	46.6	3410
MFR-M2XCH TiMF-1T0.75	1x3x0.75	0.5	1.3	9.7	140
MFR-M2XCH TiMF-2T0.75	2x3x0.75	0.5	1.8	15.4	320
MFR-M2XCH TiMF-3T0.75	3x3x0.75	0.5	1.8	16.2	380

MFR-M2XCH TiMF-4T0.75	4x3x0.75	0.5	1.9	17.9	460
MFR-M2XCH TiMF-5T0.75	5x3x0.75	0.5	2.0	19.8	560
MFR-M2XCH TiMF-6T0.75	6x3x0.75	0.5	2.1	22.2	670
MFR-M2XCH TiMF-7T0.75	7x3x0.75	0.5	2.1	22.2	710
MFR-M2XCH TiMF-8T0.75	8x3x0.75	0.5	2.1	23.7	800
MFR-M2XCH TiMF- 10T0.75	10x3x0.75	0.5	2.2	26.7	980
MFR-M2XCH TiMF- 12T0.75	12x3x0.75	0.5	2.3	28.3	1120
MFR-M2XCH TiMF- 14T0.75	14x3x0.75	0.5	2.3	29.4	1240
MFR-M2XCH TiMF- 16T0.75	16x3x0.75	0.5	2.4	31.4	1400
MFR-M2XCH TiMF- 19T0.75	19x3x0.75	0.5	2.5	33.9	1620
MFR-M2XCH TiMF- 20T0.75	20x3x0.75	0.5	2.5	34.4	1680
MFR-M2XCH TiMF- 24T0.75	24x3x0.75	0.5	2.8	37.9	2070
MFR-M2XCH TiMF- 30T0.75	30x3x0.75	0.5	3.0	42.0	2520
MFR-M2XCH TiMF- 32T0.75	32x3x0.75	0.5	3.0	43.4	2670
MFR-M2XCH TiMF-1T1.0	1x3x1.0	0.5	1.3	10.1	160
MFR-M2XCH TiMF-2T1.0	2x3x1.0	0.5	1.8	16.1	360

MFR-M2XCH TiMF-3T1.0	3x3x1.0	0.5	1.9	17.3	440
MFR-M2XCH TiMF-4T1.0	4x3x1.0	0.5	1.9	18.8	530
MFR-M2XCH TiMF-5T1.0	5x3x1.0	0.5	2.0	20.8	640
MFR-M2XCH TiMF-6T1.0	6x3x1.0	0.5	2.1	23.4	770
MFR-M2XCH TiMF-7T1.0	7x3x1.0	0.5	2.1	23.4	820
MFR-M2XCH TiMF-8T1.0	8x3x1.0	0.5	2.2	25.2	930
MFR-M2XCH TiMF-10T1.0	10x3x1.0	0.5	2.3	28.4	1150
MFR-M2XCH TiMF-12T1.0	12x3x1.0	0.5	2.3	29.9	1310
MFR-M2XCH TiMF-14T1.0	14x3x1.0	0.5	2.4	31.3	1470
MFR-M2XCH TiMF-16T1.0	16x3x1.0	0.5	2.5	33.4	1660
MFR-M2XCH TiMF-19T1.0	19x3x1.0	0.5	2.8	36.5	2010
MFR-M2XCH TiMF-20T1.0	20x3x1.0	0.5	2.8	37.1	2090
MFR-M2XCH TiMF-24T1.0	24x3x1.0	0.5	2.9	40.3	2450
MFR-M2XCH TiMF-30T1.0	30x3x1.0	0.5	3.1	44.7	3000
MFR-M2XCH TiMF-32T1.0	32x3x1.0	0.5	3.1	46.2	3180
MFR-M2XCH TiMF-1T1.5	1x3x1.5	0.6	1.4	11.4	200
MFR-M2XCH TiMF-2T1.5	2x3x1.5	0.6	1.9	18.2	450
MFR-M2XCH TiMF-3T1.5	3x3x1.5	0.6	2.0	19.5	560
MFR-M2XCH TiMF-4T1.5	4x3x1.5	0.6	2.0	21.3	670
MFR-M2XCH TiMF-5T1.5	5x3x1.5	0.6	2.1	23.6	820

MFR-M2XCH TiMF-6T1.5	6x3x1.5	0.6	2.2	26.6	990
MFR-M2XCH TiMF-7T1.5	7x3x1.5	0.6	2.2	26.6	1060
MFR-M2XCH TiMF-8T1.5	8x3x1.5	0.6	2.3	28.6	1200
MFR-M2XCH TiMF-10T1.5	10x3x1.5	0.6	2.4	32.3	1480
MFR-M2XCH TiMF-12T1.5	12x3x1.5	0.6	2.5	34.3	1700
MFR-M2XCH TiMF-14T1.5	14x3x1.5	0.6	2.6	35.9	1920
MFR-M2XCH TiMF-16T1.5	16x3x1.5	0.6	2.9	38.8	2260
MFR-M2XCH TiMF-19T1.5	19x3x1.5	0.6	3.0	41.8	2620
MFR-M2XCH TiMF-20T1.5	20x3x1.5	0.6	3.0	42.5	2720
MFR-M2XCH TiMF-24T1.5	24x3x1.5	0.6	3.1	46.2	3200
MFR-M2XCH TiMF-30T1.5	30x3x1.5	0.6	3.3	51.2	3910
MFR-M2XCH TiMF-32T1.5	32x3x1.5	0.6	3.4	53.2	4180