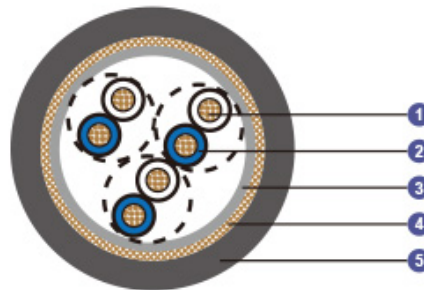


**150/250V XLPE Insulated, LSOH (SHF1) Sheathed, Armoured Flame Retardant  
Instrumentation & Control Cables (Multipair/Multitriples)**



<b>Application</b>	These armoured cables are used on board of ships in all locations for fixed installations complying with IEC standards 60092-352. These cables are flame retardant, low smoke & halogen free, suitable for installations on passenger ships, as on other commercial vessels.
<b>Standards</b>	IEC 60092-350/351/376/359 IEC 60332-1; IEC 60332-3-22; IEC 60754-1/2; IEC 61034
<b>Construction</b>	
<b>Conductors</b>	Class 2 stranded copper conductor.
<b>Insulation</b>	XLPE.
<b>Cabling Element</b>	Pair/Triple.
<b>Inner Covering</b>	Lapped polyester tape.
<b>Armour</b>	Copper wire braid.
<b>Outer Sheath</b>	LSOH (SHF1).
<b>Core Identification</b>	Pair: White/blue with printed pair number and core number. Triple: White/blue/red with printed triple number.
<b>Mechanical and Thermal Properties</b>	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 <sup>2</sup>	mm	mm	mm	kg/km
FMGCH - 1P0.75	1×2×0.75	0.5	1.2	8.1	90
FMGCH - 2P0.75	2×2×0.75	0.5	1.3	9.3	130

FMGCH - 3P0.75	3x2x0.75	0.5	1.4	12.4	200
FMGCH - 4P0.75	4x2x0.75	0.5	1.4	13.1	230
FMGCH - 5P0.75	5x2x0.75	0.5	1.8	15.2	320
FMGCH - 6P0.75	6x2x0.75	0.5	1.8	16.1	350
FMGCH - 7P0.75	7x2x0.75	0.5	1.8	16.1	370
FMGCH - 8P0.75	8x2x0.75	0.5	1.9	17.2	420
FMGCH - 10P0.75	10x2x0.75	0.5	1.9	19.1	500
FMGCH - 12P0.75	12x2x0.75	0.5	2.0	20.0	560
FMGCH - 14P0.75	14x2x0.75	0.5	2.0	20.6	610
FMGCH - 16P0.75	16x2x0.75	0.5	2.1	22.2	690
FMGCH - 19P0.75	19x2x0.75	0.5	2.1	23.6	790
FMGCH - 20P0.75	20x2x0.75	0.5	2.1	23.6	800
FMGCH - 24P0.75	24x2x0.75	0.5	2.2	26.8	980
FMGCH - 30P0.75	30x2x0.75	0.5	2.3	29.1	1160
FMGCH - 37P0.75	37x2x0.75	0.5	2.4	31.1	1360
FMGCH - 1P1.0	1x2x1.0	0.5	1.3	8.7	110
FMGCH - 2P1.0	2x2x1.0	0.5	1.3	9.7	150
FMGCH - 3P1.0	3x2x1.0	0.5	1.4	13.2	230
FMGCH - 4P1.0	4x2x1.0	0.5	1.8	14.6	310
FMGCH - 5P1.0	5x2x1.0	0.5	1.8	16.1	360

FMGCH - 6P1.0	6x2x1.0	0.5	1.9	17.3	420
FMGCH - 7P1.0	7x2x1.0	0.5	1.9	17.3	440
FMGCH - 8P1.0	8x2x1.0	0.5	1.9	18.3	490
FMGCH - 10P1.0	10x2x1.0	0.5	2.0	20.5	590
FMGCH - 12P1.0	12x2x1.0	0.5	2.0	21.3	660
FMGCH - 14P1.0	14x2x1.0	0.5	2.1	22.2	730
FMGCH - 16P1.0	16x2x1.0	0.5	2.1	23.7	820
FMGCH - 19P1.0	19x2x1.0	0.5	2.2	25.4	940
FMGCH - 20P1.0	20x2x1.0	0.5	2.2	25.4	960
FMGCH - 24P1.0	24x2x1.0	0.5	2.3	28.9	1170
FMGCH - 30P1.0	30x2x1.0	0.5	2.4	31.3	1400
FMGCH - 37P1.0	37x2x1.0	0.5	2.5	33.5	1640
FMGCH - 1P1.5	1x2x1.5	0.6	1.3	9.7	140
FMGCH - 2P1.5	2x2x1.5	0.6	1.3	10.9	190
FMGCH - 3P1.5	3x2x1.5	0.6	1.8	15.7	340
FMGCH - 4P1.5	4x2x1.5	0.6	1.9	16.8	400
FMGCH - 5P1.5	5x2x1.5	0.6	1.9	18.6	480
FMGCH - 6P1.5	6x2x1.5	0.6	2.0	20.0	550
FMGCH - 7P1.5	7x2x1.5	0.6	2.0	20.0	590
FMGCH - 8P1.5	8x2x1.5	0.6	2.0	21.2	650

FMGCH - 10P1.5	10x2x1.5	0.6	2.1	23.8	800
FMGCH - 12P1.5	12x2x1.5	0.6	2.2	24.9	900
FMGCH - 14P1.5	14x2x1.5	0.6	2.2	25.8	990
FMGCH - 16P1.5	16x2x1.5	0.6	2.3	27.8	1130
FMGCH - 19P1.5	19x2x1.5	0.6	2.3	29.6	1290
FMGCH - 20P1.5	20x2x1.5	0.6	2.3	29.6	1320
FMGCH - 24P1.5	24x2x1.5	0.6	2.5	33.9	1630
FMGCH - 30P1.5	30x2x1.5	0.6	2.8	37.3	2040
FMGCH - 37P1.5	37x2x1.5	0.6	2.9	39.9	2390
FMGCH - 1T0.75	1x3x0.75	0.5	1.3	8.7	110
FMGCH - 2T0.75	2x3x0.75	0.5	1.4	12.6	210
FMGCH - 3T0.75	3x3x0.75	0.5	1.4	13.3	240
FMGCH - 4T0.75	4x3x0.75	0.5	1.8	15.2	330
FMGCH - 5T0.75	5x3x0.75	0.5	1.9	16.8	400
FMGCH - 6T0.75	6x3x0.75	0.5	1.9	18.6	470
FMGCH - 7T0.75	7x3x0.75	0.5	1.9	18.6	490
FMGCH - 8T0.75	8x3x0.75	0.5	2.0	20.0	560
FMGCH - 10T0.75	10x3x0.75	0.5	2.1	22.5	690
FMGCH - 12T0.75	12x3x0.75	0.5	2.1	23.6	770
FMGCH - 14T0.75	14x3x0.75	0.5	2.1	24.5	850

FMGCH - 16T0.75	16x3x0.75	0.5	2.2	26.1	950
FMGCH - 19T0.75	19x3x0.75	0.5	2.3	28.2	1100
FMGCH - 20T0.75	20x3x0.75	0.5	2.3	28.6	1140
FMGCH - 24T0.75	24x3x0.75	0.5	2.4	31.1	1340
FMGCH - 30T0.75	30x3x0.75	0.5	2.5	34.3	1620
FMGCH - 32T0.75	32x3x0.75	0.5	2.5	35.4	1720
FMGCH - 1T1.0	1x3x1.0	0.5	1.3	9.1	130
FMGCH - 2T1.0	2x3x1.0	0.5	1.4	13.4	240
FMGCH - 3T1.0	3x3x1.0	0.5	1.8	14.9	320
FMGCH - 4T1.0	4x3x1.0	0.5	1.8	16.1	380
FMGCH - 5T1.0	5x3x1.0	0.5	1.9	17.8	460
FMGCH - 6T1.0	6x3x1.0	0.5	2.0	20.0	560
FMGCH - 7T1.0	7x3x1.0	0.5	2.0	20.0	590
FMGCH - 8T1.0	8x3x1.0	0.5	2.0	21.3	660
FMGCH - 10T1.0	10x3x1.0	0.5	2.1	24.0	810
FMGCH - 12T1.0	12x3x1.0	0.5	2.2	25.4	920
FMGCH - 14T1.0	14x3x1.0	0.5	2.2	26.4	1020
FMGCH - 16T1.0	16x3x1.0	0.5	2.3	28.1	1150
FMGCH - 19T1.0	19x3x1.0	0.5	2.4	30.3	1330
FMGCH - 20T1.0	20x3x1.0	0.5	2.4	30.8	1380

FMGCH - 24T1.0	24x3x1.0	0.5	2.5	33.5	1620
FMGCH - 30T1.0	30x3x1.0	0.5	2.8	37.5	2060
FMGCH - 32T1.0	32x3x1.0	0.5	2.9	38.9	2190
FMGCH - 1T1.5	1x3x1.5	0.6	1.3	10.2	160
FMGCH - 2T1.5	2x3x1.5	0.6	1.8	16.0	350
FMGCH - 3T1.5	3x3x1.5	0.6	1.9	17.1	430
FMGCH - 4T1.5	4x3x1.5	0.6	1.9	18.6	510
FMGCH - 5T1.5	5x3x1.5	0.6	2.0	20.6	620
FMGCH - 6T1.5	6x3x1.5	0.6	2.1	23.2	750
FMGCH - 7T1.5	7x3x1.5	0.6	2.1	23.2	800
FMGCH - 8T1.5	8x3x1.5	0.6	2.2	24.9	900
FMGCH - 10T1.5	10x3x1.5	0.6	2.3	28.1	1110
FMGCH - 12T1.5	12x3x1.5	0.6	2.3	29.6	1260
FMGCH - 14T1.5	14x3x1.5	0.6	2.4	31.0	1410
FMGCH - 16T1.5	16x3x1.5	0.6	2.5	33.0	1590
FMGCH - 19T1.5	19x3x1.5	0.6	2.5	35.4	1830
FMGCH - 20T1.5	20x3x1.5	0.6	2.8	36.7	2010
FMGCH - 24T1.5	24x3x1.5	0.6	2.9	39.9	2360
FMGCH - 30T1.5	30x3x1.5	0.6	3.1	44.2	2880
FMGCH - 32T1.5	32x3x1.5	0.6	3.1	45.7	3060

