


LKSM-HF Armoured power and control cable 0,6/1kV



DESIGN:	STANDARDS:
	IEC 60092-353, design
1. Conductor - stranded copper conductor	IEC 60228, class 2 class 5 on request
2. Insulation - XLPE plastic ($\leq 16\text{mm}^2$) - HF90 plastic ($\geq 25\text{mm}^2$)	IEC 60092-351
3. Bedding - filler tape	
4. Armour - drain wire (in $1,5\text{ mm}^2$ and $2,5\text{ mm}^2$ size cables) - copper wire braid, coverage > 90%	IEC 60092-350
5. Sheath - polyolefine plastic, SHF1 - standard colour grey or black, other colours on request	IEC 60092-359

Flame-retardant	<input checked="" type="checkbox"/>
Fire-resistant	<input type="checkbox"/>
Halogen-free	<input checked="" type="checkbox"/>
Low smoke emission	<input checked="" type="checkbox"/>

Application: For fixed installation in all areas and on open deck in ships.
If the cable is exposed to direct sun light protective covering or cable with black outer sheath is recommended.

Main characteristics

Rated voltage	0,6/1kV (1,2kV)
Maximum conductor temperature	+ 90 °C
Flame-retardant	IEC 60332-1-2 -test for single insulated wire and cable IEC 60332-3-22 -test for bunched wires and cables, category A
Halogen-free	IEC 60754 series
Smoke emission	IEC 61034 series

Minimum recommended installation temperature -15 °C
Lowest operation temperature -40 °C

Core identification: see technical information section

Identification: Lot number, cable type, cable size, voltage, temperature, standards, production month, manufacturer's name and meter marking printed on the sheath

LKSM-HF

Number of conductors & cross-section n x mm ²	Cross-section of armour mm ²	Nominal outer diameter mm	Approximate weight kg/km	Current rating A	Min. bending radius fixed installation mm
1x6	3,1	7,5	130	51	45
1x10	3,2	8,5	175	71	55
1x16	4,1	10,0	255	95	60
1x25	4,9	13,0	380	125	85
1x35	5,5	13,5	505	155	90
1x50	8,7	16,0	675	190	100
1x70	9,9	18,5	925	240	115
1x95	11,8	19,5	1190	290	130
1x120	12,3	22,5	1475	340	140
1x150	13,7	24,0	1790	385	155
1x185	15,1	26,5	2210	440	165
1x240	17,0	31,0	2865	520	190
1x300	18,7	33,5	3515	590	205
2x1,5	3,5	10,0	135	18	60
2x2,5	4,1	11,0	170	25	70
2x4	4,5	12,0	200	34	75
2x6	5,1	13,5	260	43	85
2x10	8,6	16,0	400	60	100
3x1,5	3,8	10,5	160	15	65
3x2,5	4,3	11,5	200	21	70
3x4	4,9	13,0	260	29	80
3x6	5,5	13,5	335	36	85
3x10	8,8	17,0	510	50	105
3x16	10,3	19,5	720	67	120
3x25	13,2	24,0	1090	89	150
3x35	15,1	26,5	1490	105	160
3x50	17,5	30,0	1940	135	190
3x70	20,1	34,5	2720	170	220
3x95	22,7	39,0	3650	205	240
3x120	35,0	44,0	4550	240	270
3x150	39,1	48,0	5550	270	305
4x1,5	4,2	11,5	185	15	70
4x2,5	4,7	12,0	245	21	75
4x4	5,4	14,0	315	29	85
4x6	8,6	16,0	435	36	100
4x10	9,8	18,5	635	50	115
4x16	11,8	20,5	920	67	125
4x25	14,7	25,5	1380	89	165
4x35	16,7	28,5	1880	105	180
4x50	19,4	33,0	2470	135	205
4x70	22,4	38,0	3545	170	240
4x95	35,0	44,5	4895	205	270
4x120	39,1	49,5	6075	240	300
5x1,5	4,6	12,0	220	14	75
5x2,5	5,2	12,5	285	18	80
5x4	8,6	13,0	270	25	95
5x6	9,3	15,0	380	30	100
5x10	11,7	19,5	795	44	120
5x16	12,8	23,5	1150	56	145
7x1,5	5,1	12,5	270	12	75
7x2,5	5,8	14,0	355	16	85
10x1,5	9,1	16,0	395	11	100
10x2,5	11,7	18,0	540	14	110
12x1,5	9,5	16,5	440	10	100
12x2,5	11,7	19,5	580	13	120
14x1,5	10,1	17,5	495	10	105
14x2,5	11,8	19,5	670	13	120
16x1,5	11,7	18,5	560	9	115
16x2,5	12,1	21,0	765	12	130
19x1,5	11,8	20,0	600	9	120
19x2,5	12,8	22,0	835	11	135
24x1,5	13,4	23,5	785	8	145
24x2,5	15,3	25,5	1095	10	155
27x1,5	13,8	23,5	830	8	145
37x1,5	15,5	26,0	1060	7	160

Cable with yellow/green ground conductor (type S) on request.