


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
2. Insulation - XLPE plastic	IEC 60092-351
3. Bedding - filler tape	
4. Armour - copper wire braid, coverage > 90%	IEC 60092-350
5. Sheath - polyolefine plastic, SHF1 - standard colour black, other colours on request	IEC 60092-359

Flame-retardant

Fire-resistant

Halogen-free

Low smoke emission

Application: For fixed installation in most areas and on open deck in ships.

Main characteristics

Rated voltage	AC 0,6/1kV (1,2kV) DC 0,9/1,5kV (if voltage to earth does not exceed 0,9kV)
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 0,6/1kV		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 at +45°C	Min. bending radius fixed installation mm
Part number Normal	G-type						
25740	27052	1x4	3,1	7,5	105	40	45
25742	27054	1x6	3,1	8,0	130	52	50
25744	27056	1x10	3,5	9,5	190	72	60
25746	27058	1x16	4,1	10,5	260	96	65
25748	27060	1x25	4,9	13,0	385	127	80
25750	27062	1x35	5,5	14,0	490	157	90
25752	27064	1x50	8,7	16,5	660	196	100
25754	27066	1x70	11,4	19,0	925	242	115
25756	27068	1x95	11,5	20,5	1175	293	125
25758	27070	1x120	14,5	22,5	1475	339	140
25760	27072	1x150	14,7	25,0	1780	389	155
25762	27074	1x185	15,2	28,0	2180	444	170
25764	27076	1x240	18,2	30,5	2820	522	185
25766	27078	1x300	18,7	34,0	3465	601	205
25770	–	2x1,5	3,8	9,5	130	20	60
25785	–	2x2,5	4,3	10,5	160	26	65
25801	–	2x4	4,9	12,0	210	34	75
25803	–	2x6	5,4	13,0	315	44	80
25805	–	2x10	8,7	15,5	480	61	95
25807	–	2x16	10,0	18,0	665	82	110
25809	–	2x25	14,5	22,5	1030	108	140
25811	–	2x35	14,7	25,0	1305	133	155
25813	–	2x50	18,1	29,0	1705	167	175
25815	–	2x70	18,7	33,5	2345	206	205
25817	–	2x95	22,2	37,5	3020	249	225
25772	25773	3x1,5	4,1	10,0	155	16	65
25786	25787	3x2,5	4,6	11,0	195	21	70
25802	25880	3x4	5,2	12,5	260	28	80
25804	25882	3x6	5,8	14,0	370	36	85
25806	25884	3x10	9,3	16,5	570	50	100
25808	25886	3x16	10,7	19,0	805	67	115
25810	25888	3x25	14,6	24,0	1240	89	145
25812	25890	3x35	15,0	27,0	1600	110	165
25814	25892	3x50	18,3	31,5	2125	137	190
25816	25894	3x70	22,0	36,0	2970	169	220
25818	25896	3x95	22,8	40,0	3825	205	240
25820	25897	3x120	37,8	45,0	4890	237	270
25822	25898	3x150	39,3	50,0	5970	272	305
25824	–	3x185	47,9	56,5	7500	311	340
25774	25775	4x1,5	4,5	11,0	180	16	70
25788	25789	4x2,5	5,0	12,5	240	21	75
25830	25831	4x4	5,8	13,5	320	28	85
25832	25833	4x6	8,8	15,5	475	36	95
25834	25835	4x10	10,3	18,0	695	50	110
25836	25837	4x16	11,9	21,5	1020	67	130
25838	25839	4x25	14,8	26,5	1540	89	160
25840	25841	4x35	18,1	29,5	2030	110	180
25842	25843	4x50	19,5	34,5	2675	137	210
25844	25845	4x70	22,6	40,0	3750	169	240
26005	26006	4x95	37,8	45,0	5050	205	270
26007	26008	4x120	39,3	50,0	6220	237	300
25776	25777	5x1,5	5,0	12,0	220	13	75
25790	25791	5x2,5	5,6	13,5	285	17	80
26011	26012	5x4	8,6	15,0	410	23	95
26013	26014	5x6	9,7	17,0	565	30	105
26015	26016	5x10	11,5	20,0	830	42	120
26017	26018	5x16	13,2	23,0	1210	56	140
26019	26020	5x25	18,1	29,0	1865	74	175
25778	25779	7x1,5	5,4	13,0	265	12	80
25792	25793	7x2,5	8,5	15,0	380	16	90
26025	26026	10x1,5	9,6	16,5	390	11	100
26033	26034	10x2,5	11,5	18,5	535	14	115
25780	25846	12x1,5	9,9	17,0	440	10	105
25794	25795	12x2,5	11,5	19,0	595	13	115
26027	26028	14x1,5	10,5	18,0	490	10	110
26035	26036	14x2,5	11,8	20,5	680	13	125
26030	26029	16x1,5	11,5	19,0	545	9	115
26037	26038	16x2,5	12,5	21,5	760	12	130
25782	25781	19x1,5	11,7	19,5	610	9	120
25796	25797	19x2,5	13,2	22,5	855	11	135
25828	25829	24x1,5	13,9	23,5	780	8	140
25798	25799	24x2,5	15,7	26,0	1080	10	160
25783	25847	27x1,5	14,1	24,0	845	8	145
25768	25769	27x2,5	16,1	27,0	1175	10	165
25784	25848	37x1,5	16,0	26,5	1085	7	160

G-type is with yellow/green earth conductor and marking on sheath is, for example, 3G1,5