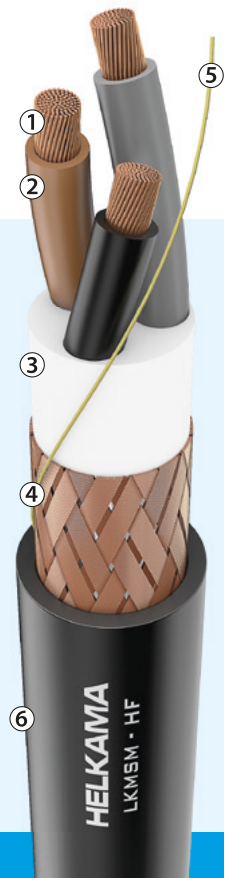


# LKMSM-HF

## Armoured power cable with extruded filler 0,6/1kV

DESIGN:	STANDARDS: IEC 60092-353, design	
<b>1. Conductor</b>	- stranded copper conductor 1,5–10mm <sup>2</sup> - stranded copper conductor 16–150mm <sup>2</sup> - tinned stranded copper conductor on request	IEC 60228, class 2 IEC 60228, class 5
<b>2. Insulation</b>	- XLPE plastic	IEC 60092-360
<b>3. Bedding</b>	- extruded filler	
<b>4. Armour</b>	- copper wire braid, coverage > 90% - tinned copper wire braid on request	IEC 60092-350
<b>5. Rip cord</b>	- rip cord for conductors from 16mm <sup>2</sup>	
<b>6. Sheath</b>	- polyolefine plastic, SHF1 - on request, thermosetting polyolefine, SHF2 - standard colour black, other colours on request	IEC 60092-360



● Flame-retardant ● Halogen-free ● Low smoke emission ● Oil resistant (only SHF2)

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

### Main characteristics

Rated voltage	AC 0,6/1kV (1,2kV) DC 0,9/1,5kV (if voltage to earth does not exceed 0,9kV)
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
Oil resistance (only SHF2)	IEC 60811-404 conditions according to 60092-360/SHF2
<b>Temperature rating:</b>	Maximum conductor temperature + 90 °C Fixed installation - 40 °C to + 80 °C Minimum recommended installation temperature - 15 °C

For details see general information section

LKMSM-HF 0,6/1kV		Number of conductors & cross-section n x mm <sup>2</sup>	Cross-section of armour mm <sup>2</sup>	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						
27232	-	2x1,5	4,9	11,5	190	20	70
27234	-	2x2,5	5,4	12,5	225	26	75
27236	-	2x4	6,0	14,0	285	34	85
27238	-	2x6	9,2	15,5	415	44	90
27240	-	2x10	10,7	17,5	565	61	105
27243	-	2x16 Flex	12,6	20,5	735	80	120
27245	-	2x25 Flex	15,6	24,5	1070	105	150
27247	-	2x35 Flex	16,8	26,5	1350	130	160
27249	-	2x50 Flex	19,6	30,0	1800	167	180
27264	27266	3x1,5	5,3	12,0	220	16	75
27268	27270	3x2,5	5,7	13,5	270	21	80
27272	27274	3x4	8,7	15,0	360	28	90
27276	27278	3x6	9,7	16,0	485	36	95
27280	27282	3x10	11,5	18,5	675	50	110
27285	27287	3x16 Flex	13,4	22,0	905	66	130
27289	27291	3x25 Flex	16,7	26,0	1310	86	155
27293	27295	3x35 Flex	18,4	28,0	1665	107	170
27297	27299	3x50 Flex	21,0	32,5	2250	137	195
27301	27303	3x70 Flex	24,7	37,5	3095	168	225
27305	27307	3x95 Flex	38,8	42,0	4020	199	250
27309	27311	3x120 Flex	41,9	46,5	4990	232	280
27313	27315	3x150 Flex	50,2	53,0	6275	267	320
27328	27330	4x1,5	5,6	13,0	255	16	80
27332	27334	4x2,5	6,3	14,5	315	21	85
27336	27338	4x4	9,5	16,0	425	28	95
27340	27342	4x6	10,6	17,5	580	36	105
27344	27346	4x10	12,6	20,0	815	50	120
27349	27351	4x16 Flex	14,8	23,5	1085	66	140
27353	27355	4x25 Flex	18,5	28,5	1595	86	170
27357	27359	4x35 Flex	19,9	31,0	2055	107	185
27361	27363	4x50 Flex	23,2	35,5	2775	137	215
27365	27367	4x70 Flex	37,8	42,0	3945	168	250
27369	27371	4x95 Flex	41,7	46,5	5010	199	280
27373	27375	4x120 Flex	46,9	51,5	6240	232	310
27392	27394	5x1,5	6,1	14,0	295	13	85
27396	27398	5x2,5	9,3	15,5	390	17	95
27400	27402	5x4	10,4	17,0	505	23	105
27404	27406	5x6	11,6	19,0	680	30	115
27408	27410	5x10	13,8	22,0	975	42	130
27413	27415	5x16 Flex	16,3	25,5	1320	55	155
27417	27419	5x25 Flex	20,3	31,0	1930	71	185

Other sizes on request.

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

Part number for oil resistant SHF2 cable:  
4 + code from above table → 4xxxxx