

LKMM-HF

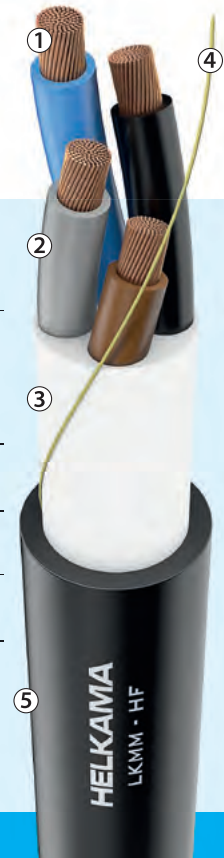
Unarmoured power cable with extruded filler 0,6/1kV

DESIGN:

STANDARDS: IEC 60092-353, design

1. Conductor	- stranded copper conductor 1,5–10mm ²	IEC 60228, class 2
	- stranded copper conductor 16–150mm ²	IEC 60228, class 5
	- tinned stranded copper conductor on request	
2. Insulation	- XLPE plastic	IEC 60092-360
3. Bedding	- extruded filler	
4. Rip cord	- rip cord for conductors from 16mm ²	
5. Sheath	- polyolefine plastic, SHF1	IEC 60092-360
	- on request, thermosetting polyolefine, SHF2	
	- standard colour black, other colours on request	

● 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
Temperature rating:	Maximum conductor temperature + 90 °C Fixed installation - 40 °C to + 80 °C Minimum recommended installation temperature - 15 °C

For details see general information section

LKMM-HF 0,6/1kV		Number of conductors & cross-section n x 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					
27532	–	2x1,5	9,0	125	20	35
27534	–	2x2,5	10,0	170	26	40
27536	–	2x4	11,0	225	34	45
27538	–	2x6	12,5	295	44	50
27540	–	2x10	14,5	440	61	60
27543	–	2x16 Flex	19,0	635	80	75
27545	–	2x25 Flex	23,5	955	105	95
27547	–	2x35 Flex	25,0	1290	130	150
27549	–	2x50 Flex	29,0	1755	167	175
27551	–	2x70 Flex	33,5	2400	204	200
27564	27566	3x1,5	9,5	140	16	35
27568	27570	3x2,5	10,5	190	21	45
27572	27574	3x4	12,0	260	28	45
27576	27578	3x6	13,5	360	36	55
27580	27582	3x10	15,5	530	50	60
27585	27587	3x16 Flex	20,0	765	66	80
27589	27591	3x25 Flex	24,5	1160	86	100
27593	27595	3x35 Flex	26,5	1555	107	160
27597	27599	3x50 Flex	30,5	2130	137	185
27601	27603	3x70 Flex	36,0	2985	168	215
27605	27607	3x95 Flex	39,5	3795	199	240
27609	27611	3x120 Flex	44,5	4775	232	265
27613	27615	3x150 Flex	51,0	6075	267	305
27617	27619	3x185 Flex	56,0	7405	300	335
27621	27623	3x240 Flex	63,0	9795	355	380
27628	27630	4x1,5	10,5	175	16	40
27632	27634	4x2,5	11,5	225	21	45
27636	27638	4x4	13,0	320	28	50
27640	27642	4x6	14,5	430	36	60
27644	27646	4x10	17,5	650	50	70
27649	27651	4x16 Flex	22,5	950	66	90
27653	27655	4x25 Flex	27,0	1425	86	165
27657	27659	4x35 Flex	29,5	1910	107	175
27661	27663	4x50 Flex	34,5	2655	137	205
27665	27667	4x70 Flex	40,0	3680	168	240
27692	27694	5x1,5	11,5	205	13	45
27696	27698	5x2,5	12,5	270	17	50
27700	27702	5x4	14,5	360	23	55
27704	27706	5x6	16,5	515	30	65
27708	27710	5x10	19,0	770	42	75
27713	27715	5x16 Flex	24,0	1160	55	95
27717	27719	5x25 Flex	30,0	1760	71	180

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