


# LKMM-HF

## Unarmoured 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>	IEC 60228, class 2	
- stranded copper conductor 16–150mm <sup>2</sup>	IEC 60228, class 5	
<b>2. Insulation</b>		
- XLPE plastic	IEC 60092-351	
<b>3. Bedding</b>		
- extruded filler		
<b>4. Sheath</b>		
- black polyolefine plastic, SHF1	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	<b>AC 0,6/1kV (1,2kV)</b> <b>DC 0,9/1,5kV</b> (if voltage to earth does not exceed 0,9kV)
Maximum conductor temperature	<b>+ 90 °C</b>
Flame-retardant	<b>IEC 60332-1-2</b> -test for single insulated wire and cable <b>IEC 60332-3-22</b> -test for bunched wires and cables, category A
Halogen-free	<b>IEC 60754</b> series
Smoke emission	<b>IEC 61034</b> 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

LKMM-HF 0,6/1kV		Number of conductors & cross-section n x 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					
27532	–	2x1,5	9,0	110	20	35
27534	–	2x2,5	10,0	155	26	40
27536	–	2x4	11,0	205	34	45
27538	–	2x6	12,5	285	44	50
27540	–	2x10	14,5	420	61	60
27543	–	2x16	18,5	630	80	75
27545	–	2x25	23,0	970	105	90
27547	–	2x35	25,5	1340	130	155
27549	–	2x50	30,0	1855	167	180
27551	–	2x70	34,0	2510	204	205
27564	27566	3x1,5	9,5	130	16	35
27568	27570	3x2,5	10,5	180	21	45
27572	27574	3x4	12,0	245	28	45
27576	27578	3x6	13,5	350	36	55
27580	27582	3x10	15,5	515	50	60
27585	27587	3x16	20,0	770	66	80
27589	27591	3x25	24,5	1170	86	100
27593	27595	3x35	27,0	1500	107	160
27597	27599	3x50	32,0	2220	137	190
27601	27603	3x70	37,0	3090	168	220
27605	27607	3x95	42,5	4055	199	255
27609	27611	3x120	47,0	5070	232	285
27613	27615	3x150	53,5	6425	267	320
27628	27630	4x1,5	10,5	165	16	40
27632	27634	4x2,5	11,5	215	21	45
27636	27638	4x4	13,0	305	28	50
27640	27642	4x6	14,5	420	36	60
27644	27646	4x10	17,5	635	50	70
27649	27651	4x16	21,5	935	66	85
27653	27655	4x25	27,0	1440	86	160
27657	27659	4x35	30,0	1955	107	180
27661	27663	4x50	35,5	2735	137	210
27665	27667	4x70	40,5	3790	168	245
27692	27694	5x1,5	11,5	195	13	45
27696	27698	5x2,5	12,5	255	17	50
27700	27702	5x4	14,5	360	23	55
27704	27706	5x6	16,5	515	30	60
27708	27710	5x10	19,0	770	42	75
27713	27715	5x16	24,0	1145	55	95
27717	27719	5x25	29,5	1750	71	175

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