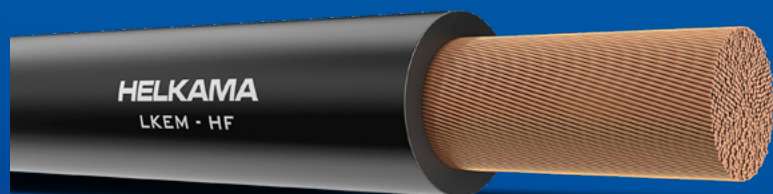


# LKEM-HF

0.6/1 kV  
Switchboard wire

0.6/1 kV CABLES



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

<b>CONDUCTOR</b>	Stranded flexible copper conductor, IEC 60228 Class 5
<b>INSULATION</b>	HF90, IEC 60092-360 Thermosetting polyolefine SHF2 starting from 10 mm <sup>2</sup> on request Standard colour black, other colours on request
<b>REFERENCE STANDARD</b>	IEC 60092-353

## APPLICATION

Switchboard wire. For fixed wiring in switchboards, control panels and other enclosures.

## PHYSICAL PROPERTIES:

<b>MARINE TYPE APPROVALS</b>	ABS, BV, CRS, DNV, KR, LR, RINA
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## MAIN CHARACTERISTICS:

<b>RATED VOLTAGE</b>	AC 0.6/1 kV (1.2 kV) DC 0.9/1.5 kV (if voltage to earth does not exceed 0.9 kV)
<b>FIRE PERFORMANCE</b>	IEC 60332-1-2 IEC 60332-3-22
<b>HALOGEN-FREE</b>	IEC 60754 series
<b>SMOKE EMISSION</b>	IEC 61034 series
<b>OIL RESISTANCE (SHF2 only)</b>	IEC 60811-404 conditions according to 60092-360/SHF2
<b>MIN. INSTALLATION TEMPERATURE</b>	-15 °C
<b>OPERATING TEMPERATURE</b>	-40 – 80 °C fixed installation
<b>MAXIMUM CONDUCTOR TEMPERATURE</b>	90 °C

## LKEM-HF 0.6/1 kV

Part number	No. of conductors x Conductor area (mm <sup>2</sup> )	Nominal outer Ø (mm)	Weight kg/km	Current rating A	Min. bending radius mm (fixed)
25117*	1 x 0.5	2.3	10	11	10
25120	1 x 0.75	2.7	14	14	15
25121	1 x 1.0	2.8	17	17	15
25122	1 x 1.5	3.1	21	22	15
25124	1 x 2.5	3.6	32	30	15
25125	1 x 4	4.1	45	39	20
25126	1 x 6	4.7	63	50	20
25128	1 x 10	5.7	103	71	25
25130	1 x 16	6.7	153	94	30
25132	1 x 25	8.6	241	123	35
25134	1 x 35	9.4	329	153	40
25136	1 x 50	11.3	467	196	50
25138	1 x 70	13.2	661	240	55
25165	1 x 95	14.8	868	284	60
25166	1 x 120	16.8	1103	331	70
25279	1 x 150	19.4	1396	381	80
25281	1 x 185	21.3	1711	429	90
25283	1 x 240	24.4	2303	507	100
25285	1 x 300	27.4	2853	582	110

\* Rated voltage 300/500 V

Other sizes on request

Standard lengths:

0.5 mm<sup>2</sup> - 2.5 mm<sup>2</sup> in 200 m box or 500 m drum

4 mm<sup>2</sup> - 6 mm<sup>2</sup> in 100 m box/coil or 500 m drum

≥ 10 mm<sup>2</sup> lengths per request

Available colours in stock: black, red, yellow/green

Available colours on request: blue, dark blue, brown, grey, yellow, green, orange, violet, white, or contact [customer.care@helkamabica.fi](mailto:customer.care@helkamabica.fi) for custom colours