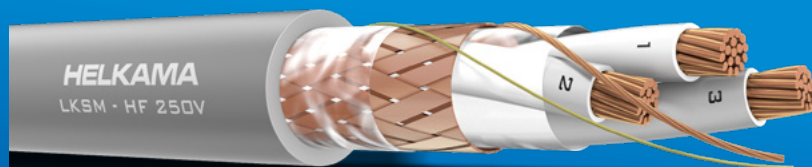


# LKSM-HF

250 V

Armoured control and instrumentation cable



- 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>	XLPE
<b>CABLING/BEDDING</b>	Cabling, cores twisted together. Bedding, lapped tape.
<b>ARMOUR</b>	Copper drain wire (all sizes) Copper wire braid, coverage > 90% Tinned copper wire braid on request Armour serves as collective screen
<b>SHEATH</b>	Polyolefine SHF1, IEC 60092-360 Thermosetting polyolefine SHF2 on request Standard colour grey, other colours on request
<b>REFERENCE STANDARD</b>	IEC 60092-376

## APPLICATION

Armoured control and instrumentation cable. For fixed installation in most areas, and on open deck in ships and offshore units. If the cable is exposed to direct sunlight, protective covering or cable with black outer sheath is recommended.

## PHYSICAL PROPERTIES:

<b>CORE IDENTIFICATION</b>	Number code for core cables
<b>MARINE TYPE APPROVALS</b>	ABS, BV, CCS, CRS, DNV, KR, LR, RINA

## MAIN CHARACTERISTICS:

<b>RATED VOLTAGE</b>	150/250 V (300 V)
<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

Subject to change without prior notice. See latest update on our webpage.

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## LKSM-HF 250 V

Part number	No. of conductors x Conductor area (mm <sup>2</sup> )	Cross-section of armour mm <sup>2</sup>	Nominal outer Ø (mm)	Weight kg/km	Current rating A	Min. bending radius mm (fixed)
27779	2 x 0.5	1.9	6.5	65	8.7	40
27780	3 x 0.5	1.9	6.5	70	7.6	40
27781	4 x 0.5	2.6	7.0	85	6.9	45
27782	5 x 0.5	2.6	7.5	95	6.4	45
27783	7 x 0.5	2.6	8.0	110	5.8	50
27784	10 x 0.5	3.3	10.0	150	5.1	60
27785	12 x 0.5	3.4	10.5	165	4.8	65
27786	14 x 0.5	3.6	11.0	185	4.6	65
27787	16 x 0.5	4.0	11.5	200	4.4	70
27788	19 x 0.5	4.1	12.0	230	4.1	75
27789	20 x 0.5	4.2	12.5	240	4.1	75
27790	24 x 0.5	4.8	14.0	280	3.8	85
27791	27 x 0.5	5.0	14.0	300	3.7	85
27792	32 x 0.5	10.1	15.0	390	3.5	90
27793	37 x 0.5	10.2	16.0	430	3.3	95
26402	2 x 0.75	2.1	7.0	75	11.3	45
26403	3 x 0.75	2.6	7.5	90	9.8	45
26404	4 x 0.75	2.6	8.0	100	8.9	50
26405	5 x 0.75	2.8	9.0	125	8.3	55
26407	7 x 0.75	3.3	9.5	150	7.4	60
26410	10 x 0.75	4.0	12.0	205	6.6	70
26412	12 x 0.75	4.2	12.5	225	6.2	75
26414	14 x 0.75	4.7	13.0	250	5.9	80
26416	16 x 0.75	4.7	13.5	275	5.6	80
26419	19 x 0.75	5.0	14.0	310	5.3	85
26420	20 x 0.75	10.1	15.5	385	5.2	95
26424	24 x 0.75	10.2	17.0	425	4.9	100
26427	27 x 0.75	10.2	17.0	455	4.7	105
26432	32 x 0.75	10.3	18.0	515	4.5	110
26437	37 x 0.75	11.2	19.0	575	4.3	115

Standard length 1000 m

SHF2 on request. Part number for SHF2 cables 4 + code from above table → 4xxxxx

Other sizes on request.