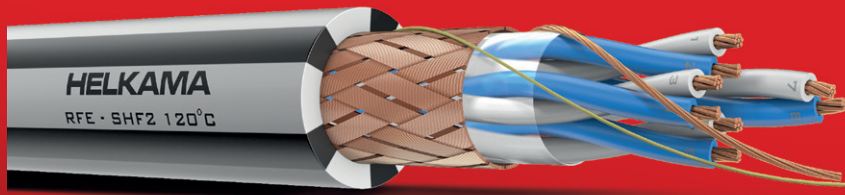


LKSM-SHF2 120 °C

250 V

Heat and oil resistant armoured control and instrumentation cable



• Flame-retardant • Halogen-free • Low smoke emission • Oil resistant • 120 °C heat resistant

CONDUCTOR	Stranded copper conductor, IEC 60228 Class 2
INSULATION	Improved heat resistant XLPE (120 °C)
BEDDING	Cabling with optional fillers or dummy cores for symmetrical and round construction
ARMOUR	Copper drain wire (all sizes) Copper wire braid, coverage > 90% Tinned copper wire braid on request
SHEATH	Improved heat resistant SHF2 (120 °C), IEC 60092-360 Standard colour black with grey stripes, other colours on request
REFERENCE STANDARD	IEC 60092-376

APPLICATION

Heat and oil resistant armoured control and instrumentation cable. For fixed installation in most areas and on open deck in ships or oil rigs, and for various industrial use. Excellent resistance against weathering, ozone, UV-rays, oil / diesel oil. Typical Marine, Oil, Gas and Petrochemical applications include ship engine rooms, power plants and/or other areas where ambient temperature may exceed 80 °C, the limit for traditional IEC 60092-cables.

PHYSICAL PROPERTIES:

CORE IDENTIFICATION	Number code for core cables
MARINE TYPE APPROVALS	DNV, BV and ABS

MAIN CHARACTERISTICS:

RATED VOLTAGE	150/250 V (300 V)
FIRE PERFORMANCE	IEC 60332-1-2 IEC 60332-3-22
HALOGEN-FREE	IEC 60754 series
SMOKE EMISSION	IEC 61034 series
OIL RESISTANCE	IEC 60811-404 conditions according to 60092-360
MIN. INSTALLATION TEMPERATURE	-15 °C
OPERATING TEMPERATURE	-40 - 120 °C fixed installation
MAXIMUM CONDUCTOR TEMPERATURE	120 °C

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

© 2022 Helkama Bica Oy. All rights reserved.

HELKAMA
THE PERFECT CONNECTION

helkamabica.com
customer.care@helkamabica.fi
+358 2 410 8700

LKSM-SHF2 250 V 120 °C

Part number	No. of conductors x Conductor area (mm ²)	Cross-section of armour mm ²	Nominal outer Ø (mm)	Weight kg/km	Current rating A	Min. bending radius mm (fixed)
4127779	2 x 0.5	3.0	6.5	70	8.7	40
4127780	3 x 0.5	3.0	7.0	80	7.6	40
4127781	4 x 0.5	2.6	7.5	85	6.9	45
4127782	5 x 0.5	3.1	8.0	95	6.4	45
4127783	7 x 0.5	3.2	8.5	110	5.8	50
4127784	10 x 0.5	4.1	10.5	155	5.1	60
4127785	12 x 0.5	4.3	10.5	170	4.8	65
4127786	14 x 0.5	4.5	11.0	190	4.6	65
4127787	16 x 0.5	5.3	11.5	210	4.4	70
4127788	19 x 0.5	5.1	12.5	235	4.1	75
4127789	20 x 0.5	5.5	13.0	250	4.1	80
4127790	24 x 0.5	6.1	14.0	285	3.8	85
4127791	27 x 0.5	6.3	14.5	305	3.7	85
4127792	32 x 0.5	8.9	15.0	370	3.5	90
4127793	37 x 0.5	9.7	16.0	415	3.3	95
4126402	2 x 0.75	3.1	7.5	80	11.3	45
4126403	3 x 0.75	3.1	7.5	95	9.8	45
4126404	4 x 0.75	3.2	8.0	105	8.9	50
4126405	5 x 0.75	3.6	9.5	130	8.3	55
4126407	7 x 0.75	3.9	10.0	155	7.4	60
4126410	10 x 0.75	5.1	12.0	210	6.6	75
4126412	12 x 0.75	5.3	12.5	230	6.2	75
4126414	14 x 0.75	5.6	13.0	255	5.9	80
4126416	16 x 0.75	5.9	13.5	280	5.6	80
4126419	19 x 0.75	6.3	14.5	315	5.3	85
4126420	20 x 0.75	10.9	18.0	430	5.2	105
4126424	24 x 0.75	10.2	17.0	415	4.9	100
4126427	27 x 0.75	10.5	17.5	450	4.7	105
4126432	32 x 0.75	10.9	18.0	510	4.5	110
4126437	37 x 0.75	11.8	19.5	570	4.3	115

Standard length 1000 m

Other sizes on request.