

LKSM-SHF2 120°C, 250V

Heat and oil resistant armoured control and instrumentation cable

DESIGN:	STANDARDS: IEC 60092-376, design
1. Conductor - stranded copper conductor - tinned stranded copper conductor on request	IEC 60228, class 2
2. Insulation - improved heat resistant XLPE (+120°C)	IEC 60092-360
3. Bedding - filler tape	
4. Armour - copper wire braid, coverage > 90% - tinned copper wire braid on request	IEC 60092-350
5. Sheath - improved heat resistant SHF2 (+120°C) - standard colour black with grey stripes, other colours on request	IEC 60092-360

+120°C heat resistant	<input checked="" type="checkbox"/>
Oil resistant	<input checked="" type="checkbox"/>
Flame-retardant	<input checked="" type="checkbox"/>
Fire-resistant	<input type="checkbox"/>
Halogen-free	<input checked="" type="checkbox"/>
Low smoke emission	<input checked="" type="checkbox"/>

Application: For fixed installation in most areas and on open deck in ships or on oil rigs and various industrial use. Excellent resistance against weathering, ozone, UV-rays, Oil / Diesel oil. Typical Marine, Oil, Gas and Petrochemical applications are for example Ship Engine rooms, power plants and/or other areas where ambient temperature may exceed +80°C, which is the limit for traditional IEC 60092-cables.

Rated voltage	150/250V (300V)
Oil resistance	IEC 60811-404 conditions according to 60092-360
Halogen-free	IEC 60754 series
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
Smoke emission	IEC 61034 series

Temperature rating:

Fixed installation:	-40°C to +120°C
Occasionally moved:	-20°C to +120°C
Max. conductor temperature:	+120°C

Core identification: See technical information section
Sheath marking: Lot number, cable type, cable size, voltage, temperature, standards, manufacturer's name, production month and meter marking printed on the sheath

The cable is marine type approved by all major classification societies. Cable name on type approval certificate is LKSM-SHF2 250V.

LKSM-SHF2 120°C 250V	Number of conductors & cross-section n x mm ²	Cross- section of armour 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						
4127779	2x0,5	3,0	6,5	70	8,7	40
4127780	3x0,5	3,0	7,0	80	7,6	40
4127781	4x0,5	2,6	7,5	85	6,9	45
4127782	5x0,5	3,1	8,0	95	6,4	45
4127783	7x0,5	3,2	8,5	110	5,8	50
4127784	10x0,5	4,1	10,5	155	5,1	60
4127785	12x0,5	4,3	10,5	170	4,8	65
4127786	14x0,5	4,5	11,0	190	4,6	65
4127787	16x0,5	5,3	11,5	210	4,4	70
4127788	19x0,5	5,1	12,5	235	4,1	75
4127789	20x0,5	5,5	13,0	250	4,1	80
4127790	24x0,5	6,1	14,0	285	3,8	85
4127791	27x0,5	6,3	14,5	305	3,7	85
4127792	32x0,5	8,9	15,0	370	3,5	90
4127793	37x0,5	9,7	16,0	415	3,3	95
4126402	2x0,75	3,1	7,5	80	11,3	45
4126403	3x0,75	3,1	7,5	95	9,8	45
4126404	4x0,75	3,2	8,0	105	8,9	50
4126405	5x0,75	3,6	9,5	130	8,3	55
4126407	7x0,75	3,9	10,0	155	7,4	60
4126410	10x0,75	5,1	12,0	210	6,6	75
4126412	12x0,75	5,3	12,5	230	6,2	75
4126414	14x0,75	5,6	13,0	255	5,9	80
4126416	16x0,75	5,9	13,5	280	5,6	80
4126419	19x0,75	6,3	14,5	315	5,3	85
4126420	20x0,75	10,9	18,0	430	5,2	105
4126424	24x0,75	10,2	17,0	415	4,9	100
4126427	27x0,75	10,5	17,5	450	4,7	105
4126432	32x0,75	10,9	18,0	510	4,5	110
4126437	37x0,75	11,8	19,5	570	4,3	115

Other sizes on request.



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