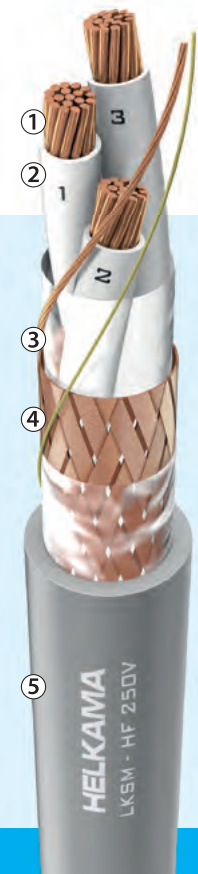


LKSM-HF

Armoured control and instrumentation cable 250V

DESIGN:	STANDARDS:
1. Conductor - stranded copper conductor - tinned stranded copper conductor on request	IEC 60092-376, design IEC 60228, class 2
2. Insulation - XLPE plastic	IEC 60092-360
3. Cabling / bedding - cabling with optional fillers or dummy cores to obtain symmetrical and round construction	
4. Armour - drain wire copper (in all sizes) - copper wire braid, coverage > 90% - tinned copper wire braid on request - the armour serves as a collective screen	IEC 60092-350
5. Sheath - polyolefine plastic, SHF1 - on request, thermosetting polyolefine, SHF2 - standard colour grey, other colours on request - rip cord under sheath	IEC 60092-360



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

Application: For fixed installation in most areas and on open deck in ships and offshore units. If the cable is exposed to direct sun light protective covering or cable with black outer sheath is recommended.

Main characteristics

Rated voltage	150/250V (300V)
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
Halogen-free	IEC 60754 series
Smoke emission	IEC 61034 series
Oil resistance (only SHF2)	IEC 60811-404 conditions according to 60092-360/SHF2
Temperature rating:	Maximum conductor temperature + 90 °C Fixed installation - 40 °C to + 80 °C Minimum recommended installation temperature - 15 °C

For details see general information section

LKSM-HF 250V Part number	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
27779	2x0,5	3,0	6,5	75	8,7	40
27780	3x0,5	3,0	7,0	80	7,6	40
27781	4x0,5	2,6	7,5	85	6,9	45
27782	5x0,5	3,1	8,0	100	6,4	45
27783	7x0,5	3,2	8,5	115	5,8	50
27784	10x0,5	4,1	10,5	160	5,1	60
27785	12x0,5	4,3	10,5	175	4,8	65
27786	14x0,5	4,5	11,0	195	4,6	65
27787	16x0,5	5,3	11,5	215	4,4	70
27788	19x0,5	5,3	12,5	240	4,1	75
27789	20x0,5	5,5	13,0	260	4,1	80
27790	24x0,5	6,1	14,0	290	3,8	85
27791	27x0,5	6,3	14,5	315	3,7	85
27792	32x0,5	8,9	15,0	380	3,5	90
27793	37x0,5	9,7	16,0	425	3,3	95
26402	2x0,75	3,1	7,5	85	11,3	45
26403	3x0,75	3,1	7,5	95	9,8	45
26404	4x0,75	3,2	8,0	110	8,9	50
26405	5x0,75	3,6	9,5	135	8,3	55
26407	7x0,75	3,9	10,0	155	7,4	60
26410	10x0,75	5,3	12,0	215	6,6	75
26412	12x0,75	5,3	12,5	235	6,2	75
26414	14x0,75	5,6	13,0	260	5,9	80
26416	16x0,75	5,9	13,5	290	5,6	80
26419	19x0,75	6,3	14,5	320	5,3	85
26420	20x0,75	9,9	15,5	385	5,2	95
26424	24x0,75	10,2	17,0	425	4,9	100
26427	27x0,75	10,5	17,5	460	4,7	105
26432	32x0,75	10,9	18,0	520	4,5	110
26437	37x0,75	11,8	19,5	580	4,3	115

Other sizes on request.

Part number for oil resistant SHF2 cable:

4 + code from above table → 4xxxxx