

LKAM-HF

Screened control and instrumentation cable 250V

DESIGN:

STANDARDS: IEC 60092-376, design

1. Conductor	- stranded copper conductor - tinned stranded copper conductor on request	IEC 60228, class 2
2. Insulation	- XLPE plastic	IEC 60092-360
3. Screen	- drain wire of tinned copper - aluminium polyester tape, coverage 100%	IEC 60092-350
4. 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, especially when lightweight cables are needed. 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

LKAM-HF 250V	Number of conductors & cross-section n x mm²	Nominal outer diameter mm	Approximate weight kg/km	Current Rating A at +45°C	Min. bending radius fixed installation mm
Part number					
26440	2x0,5	5,5	40	8,7	25
26441	3x0,5	6,0	50	7,6	25
26442	4x0,5	6,5	60	6,9	25
26443	5x0,5	7,0	70	6,4	30
26444	7x0,5	7,5	80	5,8	30
26445	10x0,5	9,5	120	5,1	40
26446	12x0,5	10,0	130	4,8	40
26447	14x0,5	10,5	145	4,6	40
26448	16x0,5	11,0	165	4,4	45
26449	19x0,5	11,5	185	4,1	45
26450	20x0,5	12,0	205	4,1	50
26451	24x0,5	13,0	230	3,8	55
26452	27x0,5	13,5	250	3,7	55
26453	32x0,5	14,0	290	3,5	55
26454	37x0,5	15,0	330	3,3	60
26382	2x0,75	6,5	55	11,3	25
26383	3x0,75	7,0	65	9,8	30
26384	4x0,75	7,5	75	8,9	30
26385	5x0,75	8,0	90	8,3	30
26386	7x0,75	9,0	120	7,4	35
26387	10x0,75	11,0	160	6,6	45
26388	12x0,75	12,0	185	6,2	45
26389	14x0,75	12,5	205	5,9	50
26390	16x0,75	13,0	230	5,6	50
26391	19x0,75	13,5	260	5,3	55
26392	20x0,75	14,5	285	5,2	60
26393	24x0,75	16,0	325	4,9	65
26394	27x0,75	16,0	355	4,7	65
26395	32x0,75	17,0	415	4,5	70
26396	37x0,75	18,0	465	4,3	75

Other sizes on request.

Part number for oil resistant SHF2 cable:

4 + code from above table → 4xxxxx